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Alpine Vegetation of Areas Utilized by Introduced Populations of Caribou (*Rangifer tarandus*) on the Kenai Peninsula, Alaska

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Abstract. Alpine vegetation in the Kenai Peninsula, southcentral Alaska, was studied in relation to the winter grazing of introduced caribou populations. I sampled: 1) two areas utilized by recently introduced caribou (61 macroplots),2) one area utilized by a longer established herd (21 macroplots), and 3) four comparable areas without caribou (60 macroplots). The 142 macroplots were 100 m^2, each of which was sampled by 20 quadrats of 0.25 m^2.

A total of 60 species were recorded: 19 lichens, 40 vascular plants, and 1 fungus. The most prevalent lichens were *Stereocaulon alpinum*, *Cladina mitis*, *Cladina rangiferina*, and *Cladina stellaris*; the most common vascular plants were *Empetrum nigrum*, *Diapensia lapponica*, *Dryas octopetala*, and *Vaccinium caespitosum*. The number of species in any one area ranged from 44 in a non-caribou area to 58 in the area of greatest caribou pressure. The latter also had the highest species diversity index. On the other hand, lichen heights and biomass were greatest in the least disturbed area.

Vegetation differed more from area to area than the measured environmental variables. These differences suggest that biotic differences (including caribou pressure) play a more important role in vegetation variation in my data set than did the physical environment. Of the plants, lichens varied more from area to area than did vascular plants.

Increased caribou pressure correlates with a decrease in biomass, especially of preferred lichen species. High levels of caribou pressure are associated with increasing dominance in vascular plants.

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Errata

- Vascular plant species labelled as *Vaccinium caespitosum* Michx. should be labelled as *Vaccinium uliginòsum* L.

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Introduction

The Kenai Peninsula in southcentral Alaska (Fig.1) historically supported a population of caribou (Porter 1893; Seton-Karr 1887; Schiefner 1874; and Palmer 1938). By the early 1900's caribou populations were eliminated from the peninsula (Palmer 1938; Spencer and Hakala 1964). This extirpation has been attributed to both habitat change and human overharvest. Davis and Franzmann (1979) believe the latter is a "more proximate cause of extermination" than the former. The stewardship of wildlife resources on the peninsula is the responsibility of the Kenai National Wildlife Refuge (KNWR) and the Alaska Department of Fish and Game (ADF&G). The policy of KNWR is to conserve fish, wildlife, and habitats in their natural diversity (Bailey 1985). This study will provide an initial assessment of the condition of the caribou winter ranges, and serve as baseline information for the maintenance and management of these vegetation communities as a sustainable caribou forage resource.

To restore caribou populations on the peninsula, several caribou introductions have been made. During the month of April in 1985 and 1986, caribou from the Nelchina herd were captured and released on the Kenai Peninsula (i.e.,recently-introduced population). The Nelchina caribou population had around 20,000 caribou (Toby 1983), located in the Nelchina Basin in

southcentral Alaska (Fig.1), roughly 300 miles (483km) northeast of the Kenai Peninsula. This second introduction filled the suitable habitats not occupied by an earlier introduction (i.e., 1965-1966 longer-established population), taken from the same herd (Burris and McKnight 1973). The methods of capture and release of the 1985-1986 caribou are discussed in the Environmental Assessment for the project (Bailey 1985) and (Bailey et.al.1990). In this project, a total of 80 caribou were released in the peninsula (Hedrick 1986).

This study stems from the concerns expressed in the monitoring phase of the Environmental Assessment for the 1985-1986 Kenai National Wildlife Refuge Caribou Reintroduction Project (Bailey 1985). This project documents the vegetation composition, with special emphasis on lichens, of the winter ranges utilized by the reintroduced populations (1985-1986). It establishes a baseline for future studies in the area, to document future change with caribou use. The project also analyzes the differences in vegetation between these ranges, those used by the longer-established herd, and comparable areas without caribou.

Literature Review

A complete taxonomic account of plants and abbreviations used throughout this paper is listed in Appendix 7. For lichen species, the latest or fifth checklist by Egan (1987) was used, along with Thomson (1984). For the vascular plants, Hultén (1968) was used.

The caribou, or reindeer, in this study is the Alaskan barren-ground caribou (Rangifer tarandus granti)(Figure 2). The high degree of sociality in continental populations of Rangifer may be related to predator avoidance (Bergerud 1978) and forage acquisition (Bergerud 1980). The wide ranging movements characteristic of those populations (Skoog 1968) may also be adaptions for predator avoidance and forage acquisition. These factors may be important for maintaining caribou populations.

Caribou utilize more kinds of plants than other deer species (Bergerud 1977). Winter range has less accessible forage as well as a smaller amount (Skoog 1968) and is considered as a limiting factor for certain populations (Miller 1982). Caribou populations often seek areas of reduced snow cover, such as southern slopes and windswept mountains, for foraging. They can probably smell forage through a snow cover of 15-18 cm of snow (Bergerud and Nolan 1970). Helle and Aspi (1983) showed that reindeer will feed in snow up to 91 cm deep, except in late winter when snow is hard packed. The number of

caribou supported by a range is determined by the winter resources available (Miller 1982).

Overcrowding of these ranges can create deleterious effects on both plants and herbivores, and the problem is accentuated for insular and small isolated populations (Palmer 1944; Scheffer 1951; Palmer and Rouse 1945; Roby and Thing 1985). During the peak in the population periods, caribou densities reached roughly 1 per 5 ha (1 per 11 acres) and 1 per 14 ha (1 per 35 acres) on St. Paul Island (Scheffer 1951) and Nunivak Island (Palmer 1944), respectively. Klein (1968) documented a drastic decline in the reindeer herd (i.e.,from 6000 to <50 over 1 winter) on St.Matthews Island in Alaska; the density of the population before the winter of the crash (1963-64) was approximately 1 per 13 ha (1 per 33 acres). The decline of this herd was attributed to overgrazing and depletion of the lichen range, intraspecific forage competition, poor physical condition of the reindeer going into winter, and severe weather conditions.

A wide variety of plant material is utilized by caribou, compared to other ungulate species (Bergerud 1977). Bergerud lists 62 lichen species and 282 kinds of seed plants; use varies considerably with the seasons (Skoog 1968).

Caribou use of lichen pastures is important to their winter survival in arctic and subarctic environments (Andreev 1954; Skjenneberg et.al.1975; Helle and Aspi 1983; Miller 1982).

Since lichens possess a low protein content, their major value to barren-ground caribou is probably in their carbohydrate content (Scotter 1965,1972). Caribou do not depend solely on lichens for winter nutrition and do utilize other forage (Murie 1935; Skoog 1968; Bergerud 1972; Davis and Franzmann 1979). The proportion of lichens in the winter diet is dependent on availability and accessibility.

According to the comprehensive vegetation analysis (Pegau 1975) from the Nelchina range in southcentral Alaska, preferred lichen species include Cladina stellaris, Cladina rangiferina, and Cladina arbuscula. Species that were less preferred but still used included Cladonia uncialis, Cladonia gracilis, Cetraria cucullata, Cetraria nivalis, and Stereocaulon spp.. Utilized vascular plants include crowberry Empetrum nigrum, the sedge Carex aquatilis, Bluejoint grass Calamagrostis canadensis, cottonsedge Eriophorum spp., plus a variety of other forbs and woody plants (Skoog 1968).

The alpine tundra, where the caribou winter, consists of short-stemmed perennial herbs, low growing or prostrate shrubs, lichens and mosses (Lent and Klein 1988)(Fig.3). Common in these areas are low mats of white mountain avens (Dryas octopetala), along with mat forming herbs such as blackish oxytrope (Oxytropis nigrescens) (Viereck et.al.1986). Much of the landscape consists of barren rock and rubble, with scattered plants. The tundra is characterized by low primary

productivity, low decomposition rates, short growing season, and high susceptability to physical disturbance (Miller 1982; Lent and Klein 1988). Lichen communities on alpine tundra ranges change quickly with disturbance (e.g., trampling and grazing), and the time required for recovery is directly proportional to the degree of disturbance (Helle and Aspi 1983; Pegau 1975; Miller 1982). In the Nelchina range Pegau (1975) determined that total protection for over 25 years would be required to repair lichen mats that had been destroyed by 5-8 years of intensive caribou use. Palmer and Rouse (1945) similarily estimated a complete protection period of 20-40 years to restore the lichen community to its original density and height. This study also showed that caribou use stimulates the growth of shrubs as the lichen cover is reduced. Interspecific competition may play a role in this case. Another paper documented the colonization of caribou ranges by graminoid communities after continued grazing (Klein and Lent 1988). These studies demonstrate the vunerability of lichen communities under continuous grazing pressure.

Study Area

The Kenai Peninsula in south-central Alaska is located in the subarctic zone, at 59°05'-61°05'latitude and 152°00'-148°00'longitude (Fig.1). These boundaries in Universal

Transverse Mercator (UTM) coordinates (Muehrcke 1986) are the following: 6,559,000-6,769,600 Meters North(mN), 558,700-783,000 Meters East(mE) (both geographic referencing systems are used throughout this paper). The peninsula encompasses a total area of 26,000 km^2; and the KNWR occupies roughly a third or 7,972 km^2 of the peninsula (Fig.4).

The climate of the peninsula is influenced by maritime conditions, with the Pacific Ocean to the south, Cook Inlet mostly to the west, and Prince Williams Sound to the east. The climate of the Cook Inlet region is intermediate between the dry, continental type of Interior Alaska and the relatively wet and mild maritime climate of the Gulf of Alaska coastal areas (Karlstrom 1964). Major topographic features include the Kenai Mountains to the south and east, which rise to 1,600 m, the extensive Harding Icefield with associated glaciers (Fig.7), the Skilak-Tustumena benchlands which averages roughly 925 m elevation, and the forested north and western lowlands (averaging 122 m.). The alpine tundra regions in these northern latitudes are reached at about 762m (2500′).

The moisture regimes within the peninsula are influenced by the mountains which surround the peninsula. Available meteorological data (Soil Conservation Service 1988) indicate average precipation amounts of 127cm (50") at a 366m (1200′) station (Ptarmigan Hills) in the southern portion of the peninsula; and 109cm (43") at a 573m (1880′) station (Turnigan

Pass) in the mountains by the northern portion of the peninsula. Average snow depth from 1961-1985 for these stations was 76cm(30") and 274cm(108"), respectively. These snow figures vary considerably by year, while topographic features and the increased wind velocities in the higher elevations, cause much local variation.

Methods

Three types of winter-range vegetation were sampled during the summers of 1988 and 1989: 1) areas utilized by the recently-introduced caribou population during the winters of 1985-1988, 2) comparable areas which lacked caribou herbivore pressure, and 3) certain areas utilized by the longer-established caribou population. The sampling occurred several years following the 1985-1986 caribou reintroduction; this allowed for the establishment and documentation of preferred winter feeding areas. Vegetation was sampled during the summer because the logistics and climate precluded winter sampling. While some information was lost (namely, vegetation conditions before introduction and actual winter condition of vegetation), these deficiencies were unavoidable.

A) Winter Range Delineation

The recently-introduced caribou populations were tracked by KNWR biologists with aerial surveys and radio-telemetry. Their data allowed the determination of the caribou winter (December thru March) feeding areas for this study. Winter range of the longer-established population was based on information from the ADF&G,KNWR,and Chugach National Forest (i.e.,in Seward,Alaska). Information on density and movements of caribou within winter ranges gave evidence of degree of herbivore pressure.

The areas involved in the winter ranges of the recently-introduced and longer-established caribou populations were analyzed by using a program created by Mr.John Cary (Univ. of Wisconsin-Madison Wildlife Information Specialist) called SEAS (Statistical Ecology Analysis System). This program used harmonic mean measures of animal activity areas (Dixon and Chapman 1980) to calculate ranges.

I collected data on fecal pellets to verify the pressure of caribou (see Bennet 1940, Riney 1957, Rogers et.al.1958). Number of fecal pellets or piles from caribou and other foragers was recorded along with other evidence of animal activity (e.g.,trails, holes) and vegetation use (e.g.,vascular plant stripping and displacement of the lichen mat or cratering). In addition to this information for comparing the herbivore presence between winter-use areas, the use of their winter

locations can also serve as a grazing gradient.

With the use of the harmonic mean measure of animal activity areas, the ranges or DC-isopleths along with density of caribou per unit time serves as a measure of caribou herbivory pressure (Dixon and Chapman 1980). The herbivore index is in time (winter period) and space (harmonic mean animal activity areas). For an example, I will use information obtained from the Skilak-Tustumena recently-introduced caribou winter-use area.

The winter range isopleths in 10 percent increments, with associated macroplot locations (Fig.10), contains caribou activity locations based on the harmonic mean of areal distribution. Isopleth 10 (DC-10) contains 10 percent of the caribou activity locations within that area. This area is about 15km^2 (Appendix 15), and this method continues until you reach DC100, which includes the final locations. The final isopleth is not in Figure 10 because it included some extraordinarily large movements (i.e.,specifically 728km^2 from DC-90) of a few caribou. The grazing pressure assigned to each range area which falls within or approximate to a certain isopleth is indicative of the entire population whose data points created the isopleths. This assumption may not hold true for many animals which are solitary; but with the social and grouping behavior of the caribou, this assumption can be met in many cases (Cary, pers.comm.). With the group of macroplots starting with plot 26

to 33, the main area these plots fall in is DC-40. DC-40 (Appendix 15) has an area of 5.73km^2. With 121 days (December through March) available for winter foraging and the population estimated at 70, there are 8,470 caribou days of pressure for these ranges throughout one winter season; and one tenth of that figure (i.e.,847) would equal the number of caribou days for that isopleth. Thus, the index of grazing pressure for the isopleth which includes these macroplots is 148 caribou days/km^2. This type of information along with vegetation community characteristics will be reviewed in the discussion section.

B) Vegetation Sampling Technique

Permanent plots were established and sampled during the summers of 1988 and 1989 in the field sites described above. Sampling plots of the vegetation community were placed along transects through each study area. For relocation and replication ease, a systematic sampling design was utilized. Information recorded included vegetation cover estimates by species, vegetation heights(cm), lichen biomass samples, environmental factors (ie., slope, aspect, elevation), other groundcover values (i.e., soil, rock, and dead vegetation), herbivory sign, and other evidence of wildlife. Plots were photographed.

Sampling was done in 20 quadrats (0.25m^2) within macroplots

of $100m^2$. The quadrats were spaced and labeled as shown in Figure 5. The spacing of the macroplots along the transect was varied, depending on the length of the transect, which depended on the area of relatively similar habitat. Of the 20 quadrats within a macroplot, each was sampled for cover (to the nearest 5%); those species under 5% cover were designated as present. This "presence" rating was given a value = 1% for later analysis. A movable wooden frame of 50cm by 50cm ($0.25m^2$) was used for cover estimation (Fig.6). Cover estimation was enhanced by placement of a Silva Ranger^R compass (i.e,with mirror lid closed) inside the wooden frame since the area represented by the compass approximates five percent of the $0.25m^2$. A permanent metal stake, or chaining pin, with a numbered metal tag was placed deeply into the ground in the center of each quadrat "a" (Fig.5). Vegetation height information was determined for the dominant species of lichens and vascular plants in the four corner quadrats (Fig.5). In the 1988 field season, mean values of the dominant lichen species were lumped, while heights were documented for each dominant species in the 1989 season. There were some additional changes in data acquisition between the two seasons (see Appendix 6).

Analyzing differences in biomass has been used to measure herbivore impact on lichens (Moser et.al.1979; Bergerud 1971; Helle and Aspi 1983). In the 1988 field season, dominant lichens in the four corner quadrats were harvested and then

oven-dried in the laboratory, to get dry weights for each species. Lichen drying periods were based on use of a subset of lichens. This involved drying 30 lichen samples, of various different species, and weighing them periodically until a certain weight was constant. An example of a drying subset is listed in Appendix 14; and the required period for weight stability or complete water loss in this example was 72 hours at 37 degrees centigrade. The close correlation between cover values and dry weights from the first year enabled me to estimate biomass from the cover data for the second year. In the second season, some of the dominant species in various cover values were harvested in each sampling area as a check to the relationship.

Snow cover estimates were obtained from those personnel involved in gathering caribou winter locations, including those from USFWS, ADF&G. Mr.Llyman Nichols (60-30 North Aviation Services) was especially helpful; winter range photos were taken by Mr.Nichols. He made several surveys of the 1988 field season macroplots and prospective areas in the Big-Indian Creek area during the winter of 1988-1989. Since these areas showed complete snow cover (Fig. 22,23), his method of cover estimation from photo enlargements was unnecessary.

Factors other than caribou influence vegetation patterns. To find comparable non-caribou winter-use areas, sites were located with similiar environmental variables of slope, aspect,

elevation, moisture, and bedrock (Appendix 5,13). In addition, cover values of rock, soil, and dead vegetation were acquired and considered environmental components . The variable dead vegetation is included as an environmental component since it is an index of the severity of the environment, such as plant desiccation associated with wind action. The distances between caribou winter-use areas and comparable non-caribou areas were as short as possible.

The herbivory index was calculated from the fecal material and vegetation damage information (Table 5; Appendix 4). The categories were divided into 10 groups, similiar to the other indices, then a subjective weight category was given to each variable. All were weighed evenly except for individual pellets and craters (grazing to the soil surface). Those craters within the $100m^2$ macroplot were double-weighted; while those near the perimeter of the macroplot (i.e.,within 20m) received a weight of one. Individual pellets were given a weight of .05 since it usually took about 20 single pellets to equal 1 pile of fecal material.

According to the analysis performed by Karlstrom (1964), the bedrock-type which occurs in the winter-use areas and used for comparative purposes was the Graywacke-Argillite and other consolidated rocks formations.

C) Analytical Methods

Analysis of the vegetation cover data involved various multivariate techniques, including ordination and classification, to detect subtle pattern as well as to quantify the more obvious pattern. Methods utilized included Bray-Curtis ordination, TWINSPAN classification, factor analysis, analysis of variance, and discriminant analysis. Two Bray-Curtis (BC) ordinations (Bray and Curtis 1957) were performed with the vegetation data of 142 macroplots. One ordination used raw data, and the other a double row and column standardization (Beals 1984). The latter will give more emphasis to uncommon species. For both ordinations Sørensen's distance measure was used and three axes were calculated. Variance regression endpoints were used (Beals 1984) to avoid the effect of oddball samples.

Factor analysis identified dimensions of my vegetation community data and reduced the data set to fewer components. In factor extraction, principal components analysis (PCA) was first used, then a varimax rotation of the PCA axes in order to simplify interpretation of the results by minimizing the number of variables which have high loadings on a factor.

Discriminant analysis was used to detect differences in environmental values among the seven sampling areas. A second discriminant analysis added vegetation factors to the

environmental variables to detect both vegetation and environmental differences among sampling areas and their relative importance.

A third discriminant analysis used only two groups, the winter-use areas (areas 1,2,7) and the potential winter-use areas (areas 3,4,5,6) to detect which variables distinguish the winter-use areas with the non-caribou areas.

Results

A) Caribou Winter Ranges

Telemetry data from 33 caribou of the recent introduction enabled delineation the winter range with a total of 241 readings (Fig.8,9; Appendix 2). This population uses two different wintering areas, the benchlands of Skilak-Tustumena and those of Truuli Creek. In the winter of 1987-88, there were 70 caribou for the Skilak-Tustumena and 22 in Truuli Creek (Bailey pers. comm).

Table 1. Sampling Study Areas

Recently-Introduced Caribou Winter-Use Areas :

Label	(n)	Plot(PLT) Numbers
(#1) Skilak-Tustumena Benchlands	41	PLT001-041
(#2) Truuli-Creek Benchlands	20	PLT042-061

Non-Caribou Potential Winter-Use Areas :

Label	(n)	Plot(PLT) Numbers
(#3) Mystery Hills	13	PLT062-064,079-081, 102-103,138-142
(#4) Russian Mountains	14	PLT065-078
(#5) Twin Lakes	20	PLT082-101
(#6) Cottonwood Creek	13	PLT125-137

Longer-Established Caribou Winter-Use Area :

Label	(n)	Plot(PLT) Numbers
(#7) Big Indian Creek	21	PLT104-124

Table 2. Distances(km) between Vegetation Sampling Areas[1]

	SK	TR	MY	RU	TW	CO
TR	25.0187					
MY	39.6808	64.6700				
RU	33.9374	58.5064	12.7744			
TW	17.0130	40.6496	27.1889	18.1529		
CO	16.5019	41.5075	23.3600	18.0561	7.8633	
BI	71.3084	96.3240	31.9150	39.0642	57.0248	54.8180

[1] Areas refers to the seven sampling regions, and distances were calculated from the arithmetic mean of the individual plot locations for each sampling region. The following UTM coordinates were calculated as these mean values and distances were derived from these figures:

SK (Skilak-Tustumena)	=	644.104mE	6675.770mN
TR (Truuli Creek)	=	635.352mE	6652.332mN
MY (Mystery Hills)	=	655.653mE	6713.733mN
RU (Russian Mts.)	=	663.475mE	6703.636mN
TW (Twin Lakes)	=	657.233mE	6686.590mN
CO (Cottonwood Ck.)	=	650.664mE	6690.912mN
BI (Big Indian Ck.)	=	670.268mE	6742.105mN

The total area utilized by the wintering Skilak-Tustumena population was approximately 55 km^2 (21 mi^2) and 42 km^2 (16 mi^2) by the Truuli Creek group (Fig.6). The average winter caribou density was 1.27 caribou/km^2 (0.49 caribou/mi^2) at Skilak-Tustumena and 0.52 caribou/km^2 (0.20 caribou/mi^2) at Truuli Creek.

The longer-established caribou population at Big Indian Creek consisted of 243 caribou in the winter of 1988-1989 (Bailey per. comm.). Information on winter range is derived from records of ADF&G, KNWR, and Chugach National Forest. Nineteen years of data (excluding winters of 1982 to 1987) were available for this population (Appendix 3). The total winter range of these caribou was about 520 km^2 (200 mi^2) (Fig.8,9). The average winter density for this population is 0.47 km^2 (1.22 mi^2). From the telemetry and visual sighting information utilized, the DC ranges isopleths are shown in Figures 10-12 and Appendix 15.

The herbivore pressure index (Appendix 4) ranged from slight grazing (e.g., Skilak Tustumena area) to areas where the entire vegetation mat was denuded and open patches or craters were present (Big-Indian Creek area). Craters were associated with an increase in soil cover; thus the latter was affiliated with herbivory pressure. The non-caribou potential winter-use areas were not devoid of herbivore evidence. The principal

forager in these areas was the Dall Sheep (Ovis dalli dalli). It was difficult to distinguish fecal material between Barren-Ground Caribou and Dall Sheep (Murie 1974), therefore they were grouped in the first field season.

B) Vegetation Sampling

The analysis of vegetation involved 142 100m^2 macroplots in seven different sampling areas (Table 1; Appendix 1) and a total of 2840 - 0.25m^2 quadrats. Suitable foraging sites not used by either of the large herbivores, caribou or Dall Sheep, were few. The average distances between the seven sampling areas and individual macroplots are listed in Table 2 and Appendices (8,12), respectively. Between both field seasons, a total of 19 species of lichens, 40 species of vascular plants, and 1 fungus were encountered (Appendix 7). Several species of lichens which have similar phenotypes were lumped in the 1988 field season. With increased familiarity with the lichen flora and with a collection of identified lichen specimens, all except those of the genus Thamnolia were separated into their respective species designations in the second field season. Certain vascular plants were not identified to species, especially non-flowering specimens. Summaries of the lichen species mean cover values per sampling area are listed in Fig.13,14 and Appendix 9. Vascular plant species mean cover values are listed in Figures 15-19.

Within the seven sampling areas, the most prevalent lichen species were Stereocaulon alpinum, Cladina rangiferina and C. mitis group, and Cladina stellaris. The predominant vascular plants encountered were Empetrum nigrum, Diapensia lapponica, Dryas octopetala, and Vaccinium caespitosum. The total number of species in the sample areas varied most with the vascular plants. From a total of 59 species (both lichen and vascular) and 1 fungus (mushroom spp.), the range varied from macroplots with 44 (Russian Mts. area) to 58 (Big Indian area) species.

I calculated the following summary data: maximum values, richness, eveness, and diversity (Appendix 10). As evident from Appendices 4,10, and 16 fewer species were found in ungrazed areas and both average species richness and diversity were greatest in the area with the highest caribou use (Big-Indian).

Overall, the mean heights of vascular plants, were five cm. or below for all plots in this windswept alpine tundra. The heights of lichens varied more (Appendix 11). Lichen heights differed most between the non-caribou sites (Mystery Hills and Russian Mountains) and the area of the longer-established caribou (Big-Indian Creek).

The regression of biomass against cover shows that the former can be estimated from the latter. This relationship is expressed in Table 3, which depicts the regression equations utilized and correlation values. Certain lichen species were consolidated in the earlier field season; thus these were

grouped in the determination of regression. Cladina rangiferina and mitis were the most important of these combinations. The lichen biomass information per species and area is represented in Table 4 and Figures 17,18. As evident from the table and figures, the species which accounted for the largest amount of biomass were Cladina rangiferina & C. mitis group, Cladina stellaris, and Stereocaulon alpinum. These three Cladina species, which are documented preferred caribou forage, differed most in cover between the Mystery Hills and Russian Mts. non-caribou areas with the rest of the areas. Lichen cover and height were strongly correlated (r >.70 in most cases); and the use of height did not improve the regression substantially.

Evidence for herbivory (Appendix 4) ranges from minimal in some of the non-caribou areas (Mystery Hills, Russian Mts.) to heavy in the longer-established population area (Big-Indian Creek). Other information for this tundra/caribou interaction lies in the pressure index related to caribou densities associated with these ranges. Combining data from the harmonic means of caribou winter-activity locations with associated macroplot information for these areas (Fig.10-12; Appendices 1,10,15), a comparison on the effects of this pressure can be

Table 3 . Results of Simple Linear Regression Analysis of Lichen Cover(%) on Biomass(g)

Lichen	(n)	Function	R-sq	(p)
A. ochroleuca	(32)	B = 1.0902(C) + -0.3554	0.9301	<.0001
B. divergens	(34)	B = 1.3046(C) + -0.2617	0.9120	<.0001
C. cucullata	(29)	B = 1.4079(C) + -1.9991	0.9450	<.0001
C. islandica & *ericetorum*	(42)	B = 1.1307(C) + -0.0300	0.9536	<.0001
C. nivalis	(52)	B = 1.2738(C) + 0.1731	0.8413	<.0001
C. mitis & *rangiferina*	(65)	B = 2.8334(C) + -3.5210	0.8149	<.0001
C. stellaris	(37)	B = 1.7354(C) + 3.7876	0.8514	<.0001
C. gracilis	(33)	B = 2.5417(C) + -1.3832	0.8754	<.0001
C. uncialis & *amaurocraea*	(35)	B = 2.9163(C) + -3.1513	0.9006	<.0001
S. globosus	(22)	B = 1.4985(C) + -0.3190	0.8348	<.0001
S. alpinum	(38)	B = 2.5325(C) + -0.5246	0.9494	<.0001
Thamnolia spp.	(39)	B = 0.6949(C) + 0.7156	0.8581	<.0001

Table 4. Lichen Biomass(g/m^2) Values per Species and Area

	SKI	TRU	MYS	RUS	TWI	COT	BIG
ALEC.OC	0.17	1.00	5.14	11.16	1.17	0.78	2.31
BRY.DIV	2.77	1.36	10.38	9.60	1.10	1.56	10.33
CET.CUC	1.73	0.72	5.78	1.22	3.36	3.53	2.18
CET.GRP	2.59	4.00	5.99	3.41	4.27	3.00	2.86
CET.NIV	4.86	6.19	18.11	26.00	7.26	5.78	7.26
CL.GRUP	16.2	26.74	107.59	90.59	44.85	49.29	32.86
CL.STEL	7.61	14.15	74.04	61.82	7.88	15.38	28.57
CL.GRAC	0.24	2.18	5.94	3.70	7.77	6.75	5.63
CL.UN.G	0.46	2.10	6.30	13.53	0.11	0.70	4.90
SPH.GLO	1.30	1.84	3.04	4.00	1.72	3.76	4.06
STER.AL	31.08	23.26	45.97	26.52	82.54	142.71	14.06
THAM.SP	3.75	3.52	3.63	4.09	4.09	3.36	3.16

ALEC.OC = *Alectoria ochroleuca*
BRY.DIV = *Bryocaulon divergens*
CET.CUC = *Cetraria cucullata*
CET.GRP = *Cetraria islandica* & *ericetorum*
CET.NIV = *Cetraria nivalis*
CL.GRP = *Cladina rangiferina* & *mitis*
CL.STE = *Cladina stellaris*
CL.GRAC = *Cladonia gracilis*
CL.UN.G = *Cladonia uncialis* & *amaurocraea*
SPH.GLO = *Sphaerophorus globosus*
STE.AL = *Stereocaulon alpinum*
THAM.SP = *Thamnolia* spp.

made. In Appendix 16, the characteristics of the vegetation in areas exposed to varying degrees of caribou herbivory pressure is documented. These caribou winter-use areas show a reduction in the lichen component with increased pressure. This reduction is predominantly expressed in several preferred lichen species, Cladina rangiferina and C. mitis group, and Cladina stellaris. These relationships will be reviewed further in the discussion section.

C) Analytical Results

With the first BC ordination (raw data), the only pattern detected was rock cover along both 1st and 2nd axes (Fig.26; Table 6). The seven sampling areas did not show discernable pattern along the same axes (Fig.25). Correlations for species and environmental variables with the ordination axes are listed in Table 6. The effects of the dominant species Empetrum nigrum along the first axis is clear.

In the second ordination (with double standardization), the elevational (Fig.27) and rock cover environmental variables displayed a detectable pattern. In addition, a slight pattern was noticed between the seven sampling areas along the 1st and 2nd axes together (Fig.28). Table 6 lists the correlations for the species and environmental values. The increased number of correlated variables show that the effects of species dominance

Table 6. Correlations between Species[2], Environmental Factors and Ordination Axes[3]

A) Raw Data Variable	AXIS 1 $r(r^2)$	AXIS 2 $r(r^2)$	AXIS 3 $r(r^2)$
Rock	-0.550(0.30)		0.421(0.18)
Aleoch		-0.549(0.42)	-0.465(0.22)
Ceteri			-0.423(0.18)
Cetniv		-0.651(0.42)	-0.474(0.22)
Clamit			-0.474(0.22)
Claran		-0.430(0.19)	
Claste		-0.417(0.17)	-0.576(0.33)
Loblin	0.441(0.20)		
Dryoct	-0.490(0.24)	0.641(0.41)	
Empnig	0.789(0.62)		
Grass			-0.498(0.25)
Anemna			-0.469(0.22)
Oxynig	-0.428(0.18)		
Dialap		-0.636(0.40)	

B) Relativized Data Variable	AXIS 1 $r(r^2)$	AXIS 2 $r(r^2)$	AXIS 3 $r(r^2)$
Rock		-0.440(0.19)	
Elevation		-0.519(0.27)	0.415(0.17)
Aleoch	-0.520(0.27)		
Brydiv	-0.523(0.27)		-0.515(0.27)
Cetcuc	-0.543(0.30)		
Cetisl		-0.473(0.22)	
Cetniv	-0.644(0.41)		-0.436(0.19)
Claran	-0.438(0.19)		
Claste	-0.411(0.17)		
Clagra	-0.503(0.25)		
Claama	-0.484(0.23)		
Claunc		-0.442(0.20)	
Loblin			0.445(0.20)
Psepub		-0.431(0.19)	
Sphglo	-0.573(0.33)		
Thaver	-0.570(0.33)	-0.552(0.31)	
Salret			0.492(0.24)
Dryoct	-0.416(0.17)	-0.487(0.24)	
Sedge	-0.458(0.21)		
Grass	-0.462(0.21)		
Silaca	0.530(0.28)		
Arnfri	-0.434(0.19)	-0.500(0.25)	
Anemna	-0.578(0.33)	-0.440(0.19)	
Oxynig	-0.537(0.29)		
Dialap	-0.536(0.29)	-0.448(0.20)	-0.410(0.17)
Arcalp	0.525(0.28)		
Pedlan		-0.489(0.24)	
Leddec			-0.409(0.17)
Gengla			0.512(0.26)
Tofco			-0.455(0.21)
Spirb		0.427(0.18)	

[2] Lichens in bold; Abbreviations in Appendix 7.

[3] Correlations for those where $p<.05$

was reduced in this standardized ordination.

The TWINSPAN classification program produced a hierarchial classification of the vegetation data (Hill 1979). A two-way classification tabular matrix (Fig.29) illustrates the classification divisions. By the end of level 3 of divisions, the 142 vegetation macroplots are divided into 14 groupings of samples (macroplots). Since representative macroplots from the seven sampling areas (Table 1) were well distributed among the groups, continuous vegetation pattern within these communities was indicated. The classification of the species resulted in six groups by the end of the second level of division. An association with a moisture environmental factor is evidenced with several of the groups.

Factor analysis extracted nineteen factors to account for 69% of the total variance in the vegetation data (Table 7). Lichen species were the predominant flora in the earlier factors. With the use of these factor groups, an analysis of variance comparison between all seven sampling areas was performed (Table 8). Several of the earlier factors (primarily lichens) showed significant differences between caribou winter-use and non-caribou areas.

In the first discriminant analysis (DIS 1), the first two functions explained most of the variance (75%) in the data set (Table 9) and environmental components which correlated best with each function are given. Percent cover of soil, dead veg.,

Table 5. Herbivory Index Calculation Parameters

Sign	Min	Max	Weight
pellets	0	33	.05
piles	0	32	1
craters[4]	0	34	2
craters[5]	0	70	1

Table 6 – p.24

Table 7. Species Components of the Factor Analysis[6] Groups

Factor	% Variance	Species Involved[7]
Veg 1	9.5	**Bry.di**,**Al.och**,Dia.la,**Cet.ni**, Tof.co,**Sph.gl**
Veg 2	7.9	**Cl.ste**,**Cl.mit**,**Cl.ran**,Led.de
Veg 3	5.4	Art.ca,Lyco.,grass
Veg 4	4.8	Poly.v,**Cla.am**,Camp.l
Veg 5	4.1	Ant.mo,**Cla.gr**,Lloy.s,Ped.ca,Ped.sp.
Veg 6	3.9	Moss,Sedge,**Cet.er**
Veg 7	3.6	**Lob.li**,Emp.ni
Veg 8	3.4	Sil.ac,Sal.re,Dry.oc
Veg 9	3.3	Oxy.ca,**Cet.cu**,Oxy.ni,**Ste.al**
Veg 10	3.0	Min.ar,**Pse.pu**
Veg 11	2.8	Arn.fr,Anem.n,Lois.p
Veg 12	2.5	Bet.gl,Spir.b
Veg 13	2.4	**Cla.un**,**Tha.ve**,Sal.ar
Veg 14	2.3	Bet.hy,Ped.oe
Veg 15	2.2	Gen.gl,Ped.la,**Cet.is**
Veg 16	2.1	Vac.vi,Bet.na
Veg 17	2.0	**Umb.pr**,Vac.ca
Veg 18	2.0	**Dac.ar**,Mushrm
Veg 19	2.0	Arc.al,Ast.um

[4] Within the macroplot

[5] Outside macroplot boundry, within 30 meters

[6] The first nineteen FACTORS(Veg 1-19) account for 69.4% of the cumulative variance in the vegetation data. The FACTOR axes were rotated using the varimax technique.

[7] Those species referenced in bold are lichens

Table 8. Probability of ANOVA Differences in Species Factors (Veg 1 - 19) between Study Areas[8]

FACTOR	SIGNIFICANT (<0.05) DIFFERENCES BETWEEN AREAS
Veg 1	3:1,2,5,6 4:1,2,5,6,7 7:1,2,4,5,6
Veg 2	3:1,2,5,6,7 4:1,2,5,6,7
Veg 3	No two areas are significantly different
Veg 4	6:1,2,3,4,5 7:1,2,3,4,5
Veg 5	3:1,2,4,7 5:1,2,3,4,6,7 6:1,4,5
Veg 6	3:2,4,5,6,7 4:1,2,3,5,6,7
Veg 7	1:4
Veg 8	No two areas are significantly different
Veg 9	3:1,2,4,7 6:1,2,4,5,7
Veg10	No two areas are significantly different
Veg11	2:5,6 3:5,6
Veg12	7:1,2,4,5
Veg13	1:7 2:7
Veg14	No two areas are significantly different
Veg15	2:1,3,4,5,6,7
Veg16	4:1,2,3,5,7 6:1,2,3,5,7
Veg17	No two areas are significantly different
Veg18	No two areas are significantly different
Veg19	No two areas are significantly different

[8] Sampling Areas:
1 = Skilak-Tustumena Caribou Winter-Use
2 = Truuli Creek Caribou Winter-Use
3 = Mystery Hills Non-Caribou Winter Range
4 = Russian Mts. Non-Caribou Winter Range
5 = Twin Lakes Non-Caribou Winter Range
6 = Cottonwood Creek Non-Caribou Winter Range
7 = Big-Indian Creek Longer-Established Caribou Winter-Use

How are "soil" and "rock" related? Was the herbivory index variable used in the discriminant analysis? Apparently not...

rock and the elevation measure account for the greatest amount of variance in the data. Soil, a variable associated* with caribou herbivory, accounted for 98% of the variance of the first function.

The second discriminant analysis (DIS 2) used species factors in addition to the above environmental variables (excluding slope and aspect, which showed little variance between groups). Vegetation factors correlated well with the first three discriminant functions (which account for 84% of the variance)(Table 11); soil was correlated with the fourth function (variance = 8%), while the other environmental factors were much less important.

The third discriminant analysis (DIS 3) divided the sampling sites into two groups, the winter-use areas and the non-caribou potential winter-use areas, and used the vegetation factors species factors plus the four environmental values. As before, environmental variables were much less important than the vegetation components. The first six vegetation factors with the highest discriminant function coefficients are listed in Table 13.

* Need simple correlation table of all the environmental variables, including the herbivory index. Presumably, the herbivory index is highly correlated with soil even.

Table 9. Descriptives for Discriminant Analysis 1 (DIS 1)

Function	% Variance	Cumulative Var.	Environ.Correlation[1]
1	45.04	45.04	Soil (.9895)
2	29.77	74.81	Dead Veg.(.9679)
3	17.42	92.24	Elevation (.9529)
4	5.20	97.44	Rock (.7767)
5	1.86	99.29	Slope (.9523)
6	0.71	100.00	Aspect N(.2428)
			E(.6837)
			W(.2259)

[1] Pearson correlation coefficients ($p<.001$); For aspect values,crosstabs correlations were used, values are relative to the S or south aspect

Table 10. Canonical Discriminant Function (DIS 1) Coefficients Evaluated at group means of sampling areas[9]

Area	Func 1	Func 2	Func 3	Func 4	Func 5	Func 6
1	-0.08438	-0.93093	0.20876	0.89894	0.15832	0.03607
2	-0.57818	0.09260	1.07575	0.08748	-1.15643	0.29174
3	-1.02635	-0.65196	-1.40127	-0.56903	0.32445	0.03583
4	0.64894	1.24756	0.02360	-0.68337	-0.37956	-0.97023
5	-0.44377	0.11077	0.30080	-0.71829	-0.00821	0.27510
6	-1.04170	0.83822	0.18908	-0.54780	-0.00714	-0.64968
7	1.98563	0.67683	-0.98391	-0.00735	0.85670	0.41655

[9] refer to Table 1

Table 11. Descriptives for Discriminant Analysis 2 (DIS 2)

Function	% Variance	Cumulative Var.	Environ.Correlation[10]
1	44.24	44.24	Veg 4,12,13,14,3,19,17
2	25.16	69.40	Veg 2,1,10
3	14.51	83.91	Veg 5,15,7,11,18
4	7.98	91.88	Soil,Veg 9
5	4.28	96.17	Veg 16,6
6	3.83	100.00	Rock,Elev.,Veg 8,D.vg.

Table 12. Canonical Discriminant Functions (DIS 2)
Coefficients Evaluated at group means of sampling areas[11]

Area	Func 1	Func 2	Func 3	Func 4	Func 5	Func 6
1	-1.61767	-1.66201	1.41570	0.21359	0.30501	1.08472
2	-2.16854	-1.64078	1.88463	1.05149	1.04677	-1.57887
3	0.93777	3.30094	-1.56501	1.01899	1.46715	1.46014
4	-1.53274	4.99513	0.08307	-1.85922	-3.43265	-0.94572
5	-0.37824	-1.25521	-2.79891	0.59291	0.02260	-0.85624
6	3.15283	-0.74361	-1.41405	1.97245	-1.61101	-0.58476
7	4.07337	1.08978	-0.10444	-2.59547	0.76354	0.28995

Table 13. Canonical Discriminant Functions (DIS 3)
Coefficients Evaluated at group means of sampling areas

Variable	Function 1	Species Involved[12]
Veg 5	0.89198	Ant.mo,**Cla.gr**,Lloy.s, Ped.ca,Ped.sp.
Veg 2	0.72163	**Cl.ste**,**Cl.mit**,**Cl.ran**,Led.de
Veg 9	0.62060	Oxy.ca,**Cet.cu**,Oxy.ni,**Ste.al**
Veg 15	-0.61223	Gen.gl,Ped.la,**Cet.is**
Veg 7	-0.56162	**Lob.li**,Emp.ni
Veg 6	0.44507	moss,sedge,**Cet.er**

[10] Pearson correlations ($p<.001$); Values in decreasing size of correlation with the discriminant function

[11] refer to Table 1

[12] lichens in bold

Discussion

The caribou herbivory pressure on the community may create or modify the spatial heterogenity within the system. Some changes, such as cratering in the longer-established caribou population (Big-Indian Creek) are obvious; but others such as interspecific competition within plant communities and interaction with environmental factors, may be quite subtle.

Looking at the first ordination (Fig.25; Table 6), based on raw data, the strong correlation of only one species, Empetrum nigrum, with the first axis reflects the dominance of that species as a variable and its correlation with total vegetation cover. Because it overwhelms other variation in the vegetation, the environmental factor to which it responds is also well-correlated: Empetrum prefers moist sites (Hultén 1968), while bare rock is the least moist site in the tundra. The latter also has the lowest amount of vegetation, and displays a slight gradient (Fig.26). Once vegetation quantity is removed by this first axis, the ordination shows many species with pattern on the two subsequent axes.

The ordination with standardized data gives all species equal weight, and the dominant species no longer overwhelms. Here on the first axis, 19 species are strongly correlated (Table 6), of which 10 are lichens. The second and third axes have many fewer correlates. The second axis pulls out the most

xeric sites, where bare rock is the important correlate. A slight correlation was also found between the second axes and elevation (Fig.27; Table 6). A higher proportion of lichen species correlated with the axes (14 out of 19) compared with vascular species (15 out of 39), indicating the importance of lichens in the structure and pattern of these tundra communities which are undergoing varied herbivore presence.

Also in the second ordination (Fig.28), samples from the longer-established area (#7) are concentrated above and to the left; while samples from the recent introduction (areas 1 and 2) are concentrated below and to the right. But there is considerable mixing of these areas with the unused areas, which suggests that the major vegetation gradients are influenced more by factors other than caribou use. It is curious that the recent introduction sites are more distinct from the rest than is the older introduction site. Perhaps there is an initial change in vegetation with caribou introduction followed by a change back towards the original condition (in terms of relative species abundance) and even to "overshoot"(i.e.,change beyond the original). Close tracking of areas 1 and 2, as they continue to be used in the future, will help clarify the nature of these changes induced by caribou.

With the TWINSPAN classification information, the 14 groupings of macroplots (Table 1), by the end of the third level of divisions, also seperated many of the macroplots, or samples,

of area 7 (in three of the groups) and of areas 1 and 2 (in two groups). One group separates out area 5; it must be substantially different from other areas. However, area 5 shows no pattern on the three axes of the ordination. All caribou-use areas (#1,#2,#7) have many samples on both sides of the first dichotomy in classification, indicating a broad range of vegetation varation in those sites, as well as in the non-use areas.

Species patterns among the 14 groups show that there is lots of overlap among groups and suggests that vegetation pattern is basically continuous in this area, as also evidenced by the ordination. The somewhat isolated samples in the ordination are not, however, isolated in the classification. Whatever their vegetation pecularities to which the ordination responded, these were ignored by TWINSPAN.

Of the six groups of species produced by TWINSPAN the largest group (with 27 species) was composed of species occurring across the entire spectrum of vegetation change. Little difference occurred in their cover values, per species. Two groups include species associated with drier sites, another three with moister sites. In the moister sites, vascular plant species predominate. There are two additional species placed in "groups" of one each. One is Pseudephebe pubescens, a rock lichen; the other is Arctostaphylos alpina, a plant of xeric sites according to Hultén (1968).

The 19 vegetation "factors" of the factor analysis are a condensation of the information from all 59 plant species plus 1 fungus. There is some similarity between those species correlated with factors and the species groupings from TWINSPAN, but the relation is far from perfect. The tremendous overlap of species indicates that cut-off points for grouping species are arbitrary, and the two methods employ different criteria. Vegetation factor 2 does include lichen species favored by caribou. The variance accounted for by each of the factors is remarkably low (9.5% is the highest value). This result reflects the wide range of vegetation in the study, compared to what factor analysis can handle; in terms of species, no one gradient is very long. Nevertheless, lichen species account for most variation on the earlier factors, just as they were important on the first axis of the BC ordination.

The analysis of variance of these vegetation factors and the sampling areas shows that factors 1 and 2 distinguish the least disturbed areas (3 and 4) from those with some degree of herbivory (caribou or sheep). The former areas had higher mean lichen heights and biomass (Table 4; Fig.20,21; Appendix 11) for the species correlated with factor 2. While the data are admittedly not normally distributed, I believe the general picture generated by factor analysis and ANOVA is correct.

Discriminant analysis was used in several ways. The first discriminant (DIS 1), using as groups the seven areas and as

variables the environmental factors, showed that bare soil cover accounted for 98 percent of the variance along the first function (Table 9). This first function itself had 45 percent of the total variance. Bare soil is the primary environmental variable that is influenced by caribou pressure (Appendix 4); and the first function provides a good bare-soil gradient, from the long-established herd area at one end to the ungulate-free areas at the other (Table 10; Fig.30).

Function 2 accounted for about 30 percent of the total variance and was best correlated (94% of the variance) with dead-vegetation cover (Table 9). Dead vegetation appears to be correlated with severity of environments: Area 4 (Russian Mountains) was at one end, the most exposed area, while the relatively protected area 1 (Skilak-Tustumena) was at the other (Table 10; Fig.31). The third function accounted for about 17 percent of the variance (cumulative, 92%) and elevation correlated well (90%) with it. So the environmental factors which separate the seven samples areas are, first, caribou pressure as reflected in bare ground, second, exposure, and third, elevation.

In the second discriminant analysis, using the seven areas again as groups, but including both the environmental factors and the 19 vegetation "factors", the latter proved far better at distinguishing the areas than did even bare soil (Table 11). It was, however, the second function that pulled out the species

most favored by caribou, and most affected by caribou. In this second function, a gradient exists from the used areas to the least used areas (3 and 4) (Fig.33), and corresponds with the ANOVA results (Table 8). The first discriminant function puts the longer-used area (7) and the recently-used areas (1 and 2) at opposite ends, much like the standardized ordination did along its first two axes (Fig.28).

The third discriminant analysis (DIS 3), using both environmental and vegetation-factor variables, but dividing the samples into only two groups, one with caribou, the other without, shows likewise that the species known to be favored by caribou (vegetation factor 2) are the second most important correlate of this single gradient (Table 13). The highest correlation was with vegetation factor 5, a small group of low density species which are widespread in non-caribou areas, but which rarely occur where there is caribou use. There is virtually no correlation of any environmental factor (all r's <.16) along this axis.

Again the environmental factors play a minuscule role in this separation, suggesting that the areas chosen for this comparative study were indeed comparable in their environments to the extent I measured them.

There are many factors to which vegetation responds, and only a few have been studied here. But it is clear that the caribou do have a profound effect on the vegetation. The

characteristics of vegetation at both varying levels of herbivore pressure (Appendix 16), and non-caribou potential winter-use areas (Appendix 17) demonstrate some real differences. The biomass and cover reduction of lichens, principally Cladina rangiferina and C. mitis group, and Cladina stellaris, between the caribou-use areas (1,2,7) and the least disturbed non-caribou winter-use areas (3 and 4) are the most striking. There is also a reduced lichen cover and increased vascular plant cover, a trend also see by Klein (1987), and Helle and Aspi (1983).

There are differences in the parameters of species diversity (as measured by the number of species,i.e., richness, and by the traditional Shannon-Weiner index) between the longer-used area and the others (Appendix 10). Assuming competition occurring between the vegetation species within the community, increases in these parameters may be due to reduction of competitive abilities of plants by herbivory, and a consequent reduced tendency toward dominance.

In evaluating the effect of the caribou on the tundra vegetation, as to whether they are beneficial or deleterious, one must consider the relative merits of higher biomass of plants versus higher diversity. Increased biomass may support more caribou, if the biomass is palatable, but more caribou means less palatable biomass! There is no a priori reason to consider either increased biomass or increased diversity to be

better. In this case the trends run in the opposite directions. One can ask the question, what is the most natural state of the vegetation? But there is no certainty on that question either. Perhaps the greatest concern might be the the actual extirpation of a plant species (caused either by caribou-use or by their absence!). But even then, very local extinctions of a species are not necessarily totally evil.

One question not yet resolved is whether the caribou herds on the peninsula are effectively insular or not. Kenai is connected to the mainland by an isthmus only 16 km wide. Insular populations may be subject to extinction under conditions of extreme stress (predation, food shortage, or severe weather).

This study has documented some of the vegetation issues associated with caribou and their habitat, and provides a data set which can be compared with future studies of the vegetation in the caribou winter-use range of Kenai Peninsula. With such future studies, perhaps some generalizations and better insights will be possible in regard to the role of large herbivores in a delicate ecosystem.

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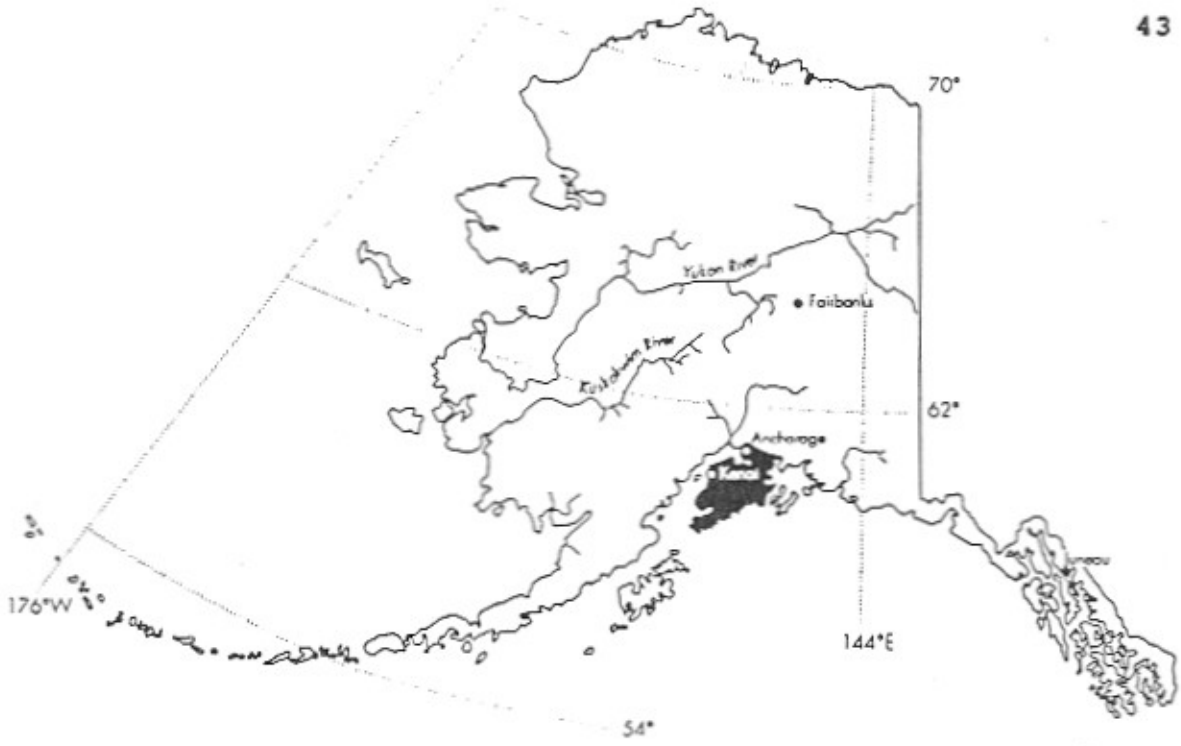


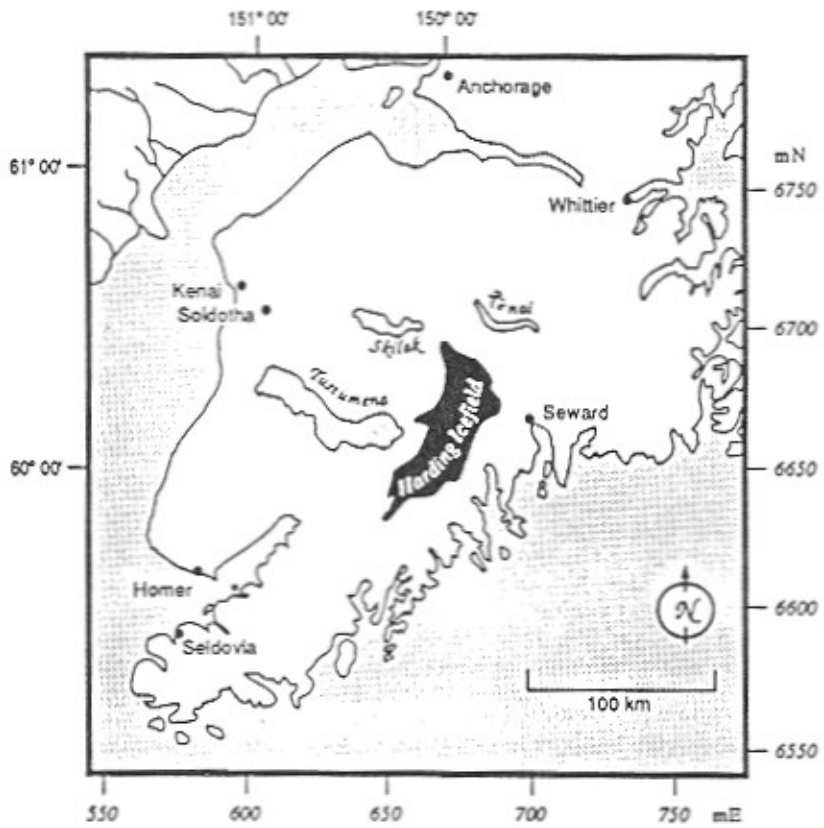


Figure 1. Kenai Peninsula in southcentral Alaska.

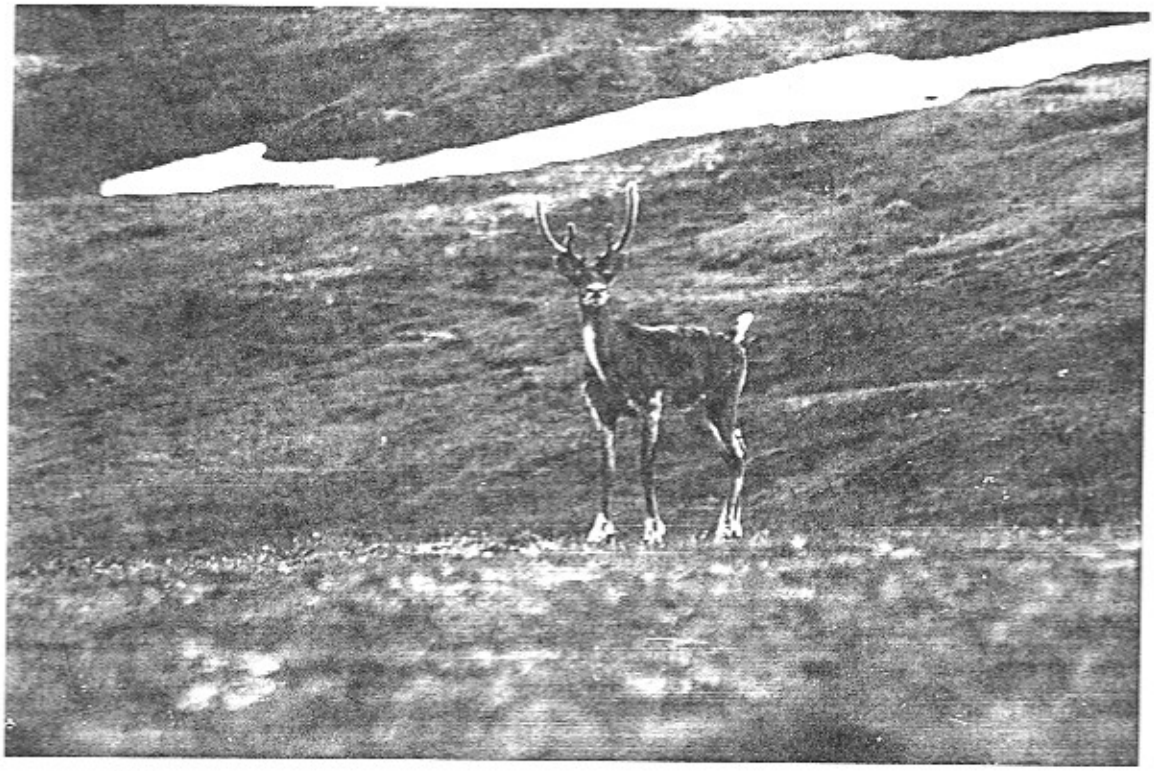


Figure 2. Alaskan barren-ground caribou

Figure 3. Truuli Creek benchlands and myself

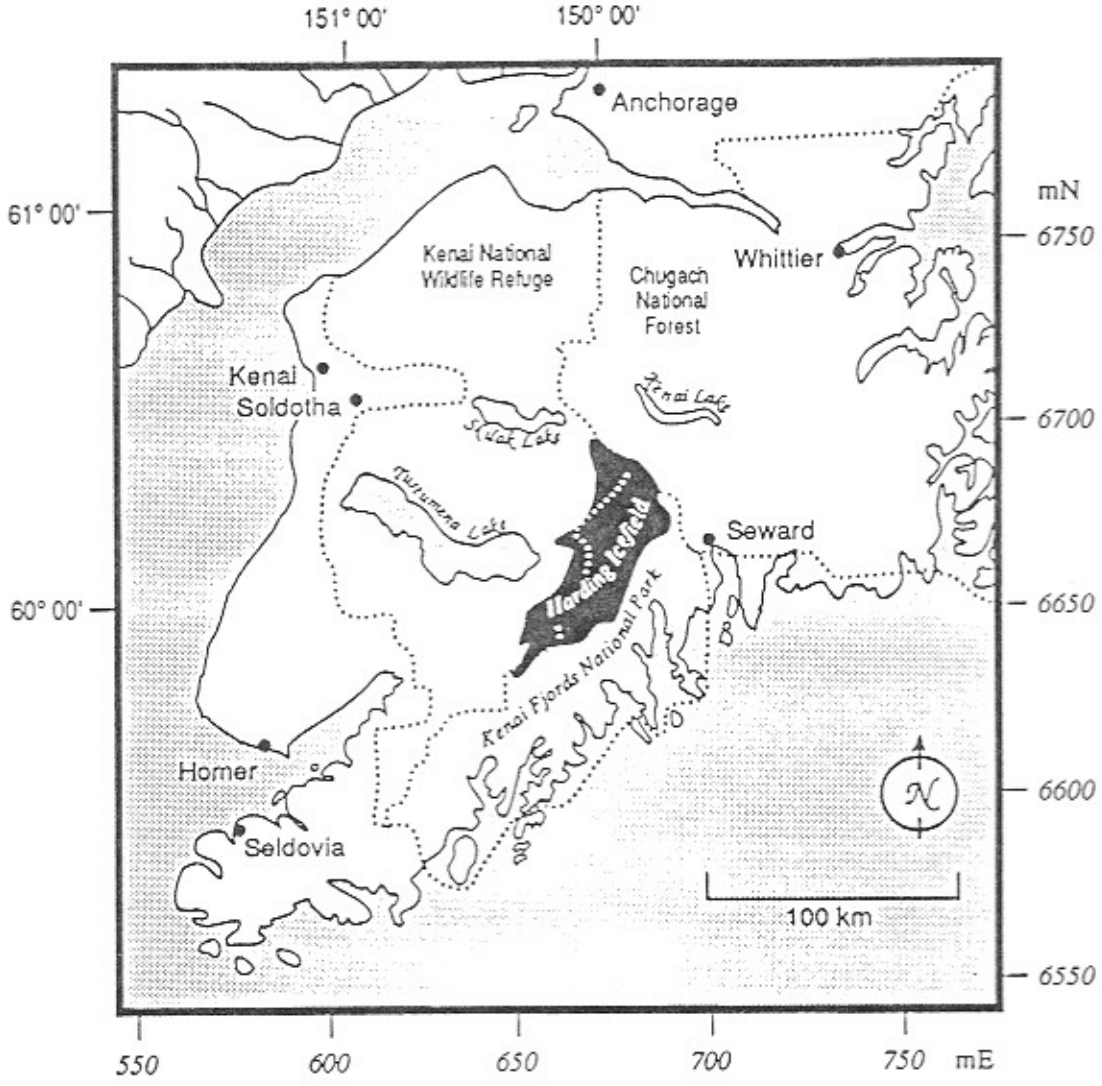


Figure 4. Kenai Peninsula and location of Federal Lands - Kenai National Wildlife Refuge, Chugach Nat.For.,Kenai Fjords N.P.

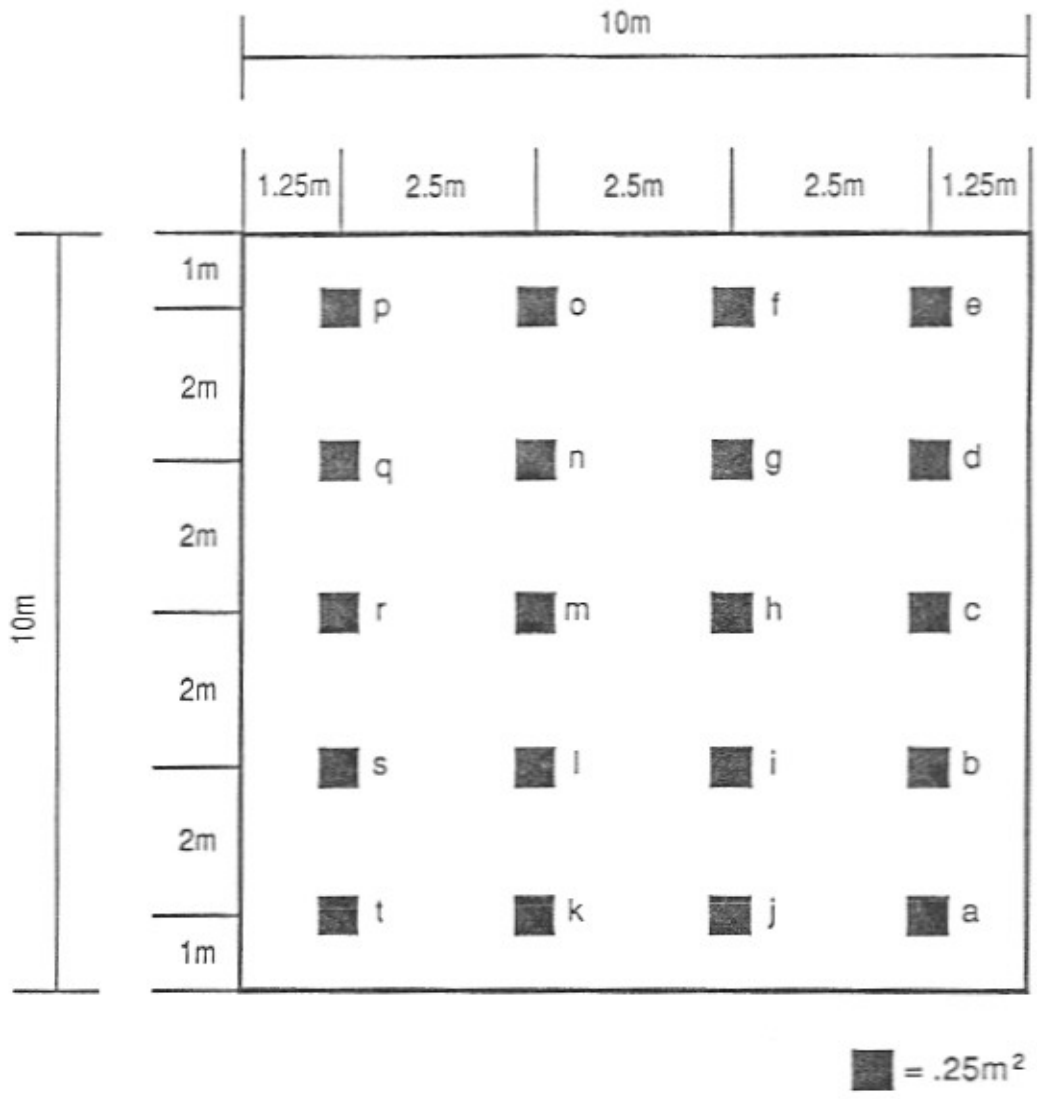


Figure 5. Macroplot diagram with associated quadrats

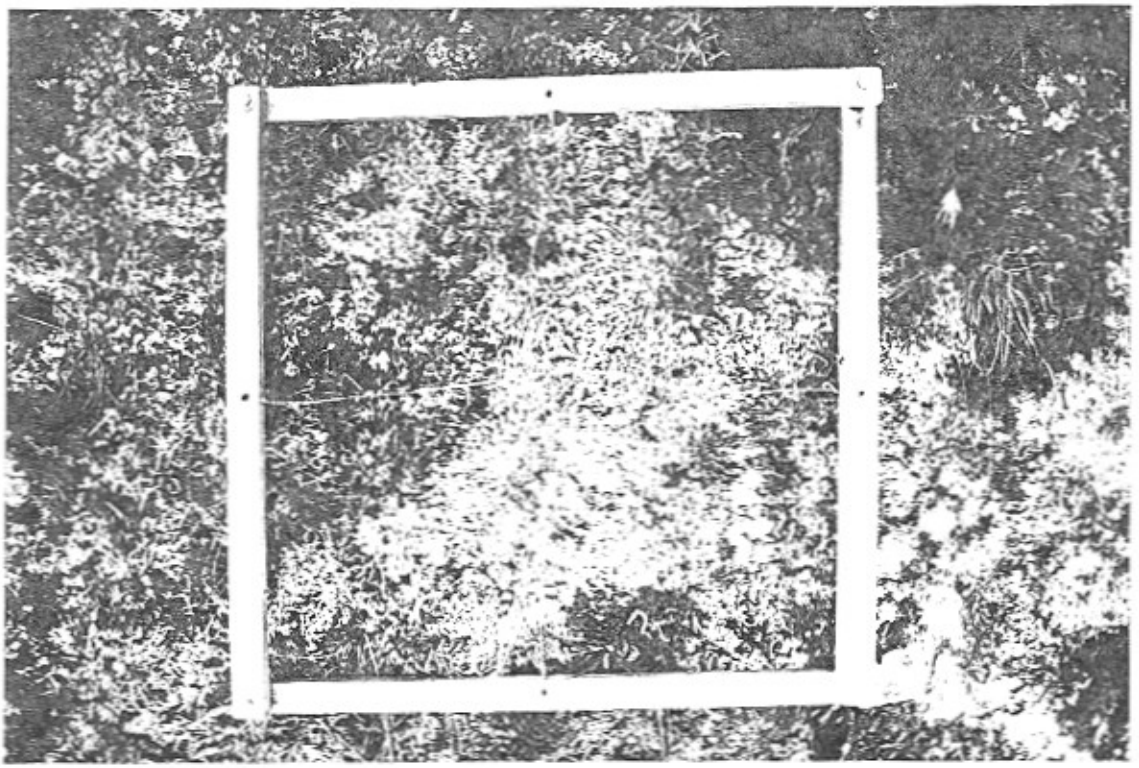


Figure 6. ¼m² quadrat with vegetation ground cover

Figure 7. Truuli Creek caribou winter-range with Tustumena glacier in the distance.

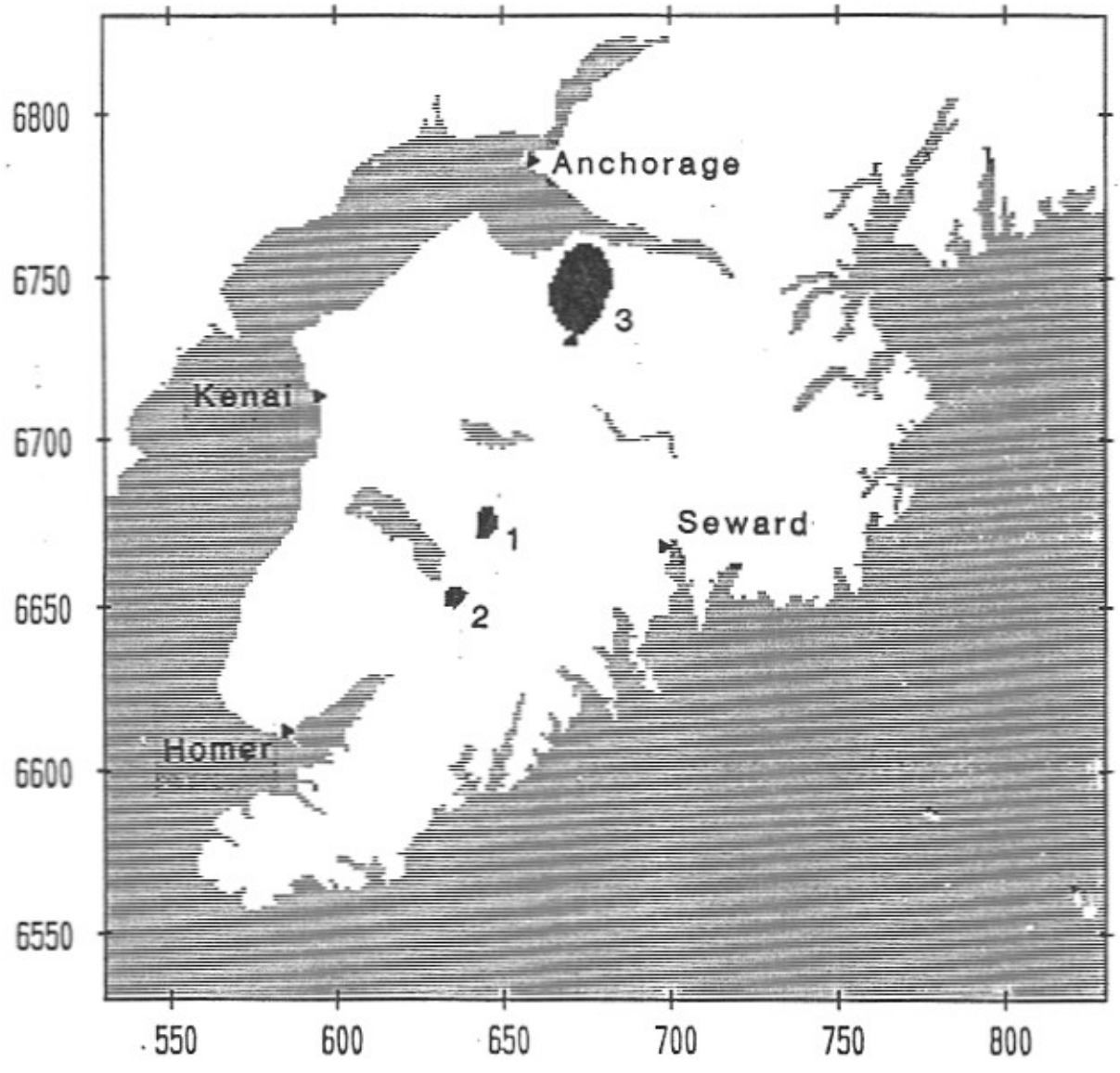


Figure 8. Kenai Peninsula with Caribou Winter-Ranges Outlines

1- Skilak-Tustumena recently-introduced population (55 km^2)
2- Truuli Creek recently-introduced population (42 km^2)
3- Big-Indian Creek longer-established herd (520 km^2)

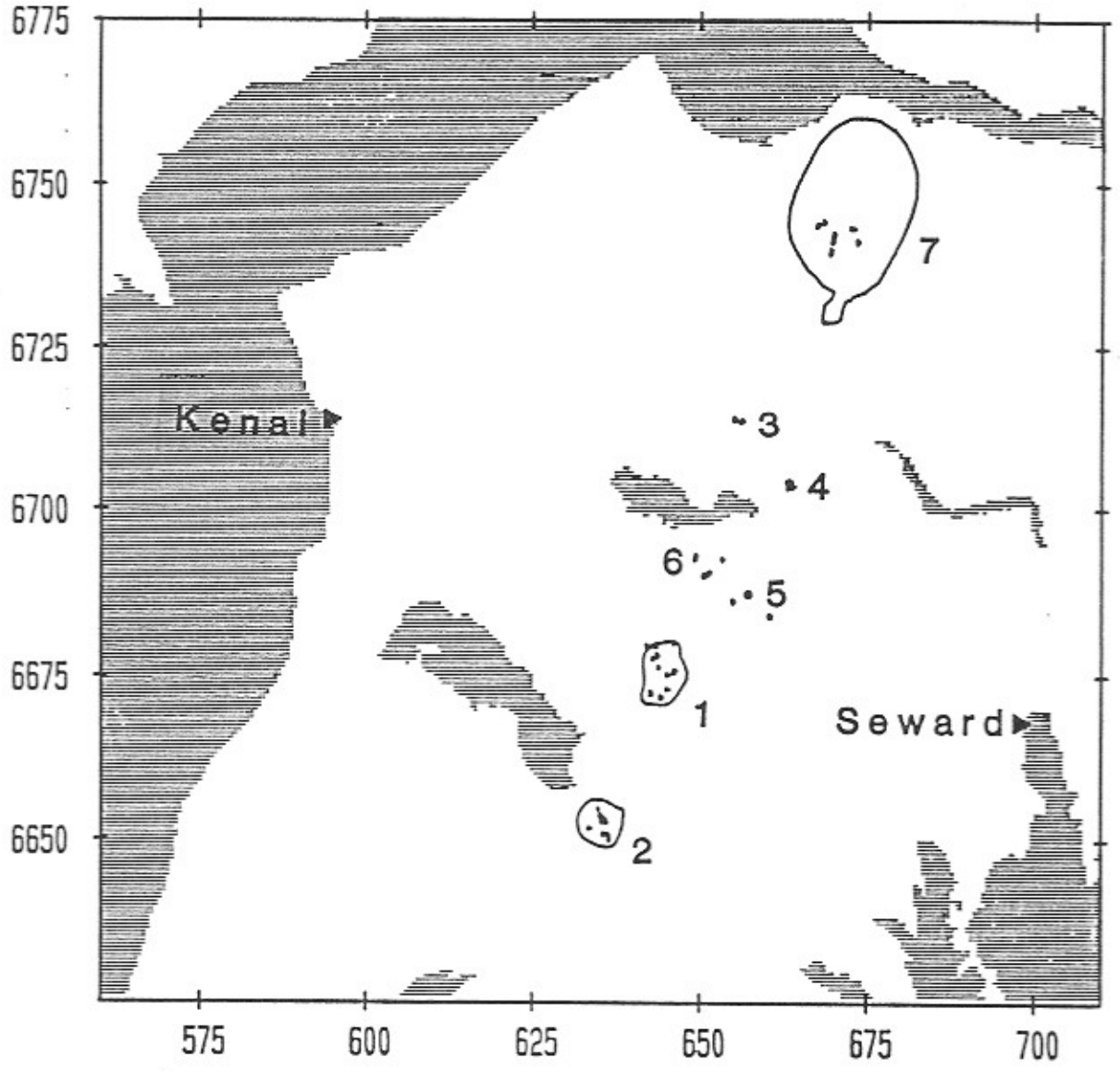


Figure 9. Enlargened view of Kenai Peninula with Caribou Winter Ranges Outlines and all Macroplot Locations

Caribou Winter-Use Areas
1- Skilak-Tustumena
2- Truuli Creek
7- Big-Indian Creek

Non-Caribou Potential Winter-Use Areas
3- Mystery Hills
4- Russian Mountains
5- Twin Lakes
6- Cottonwood Creek

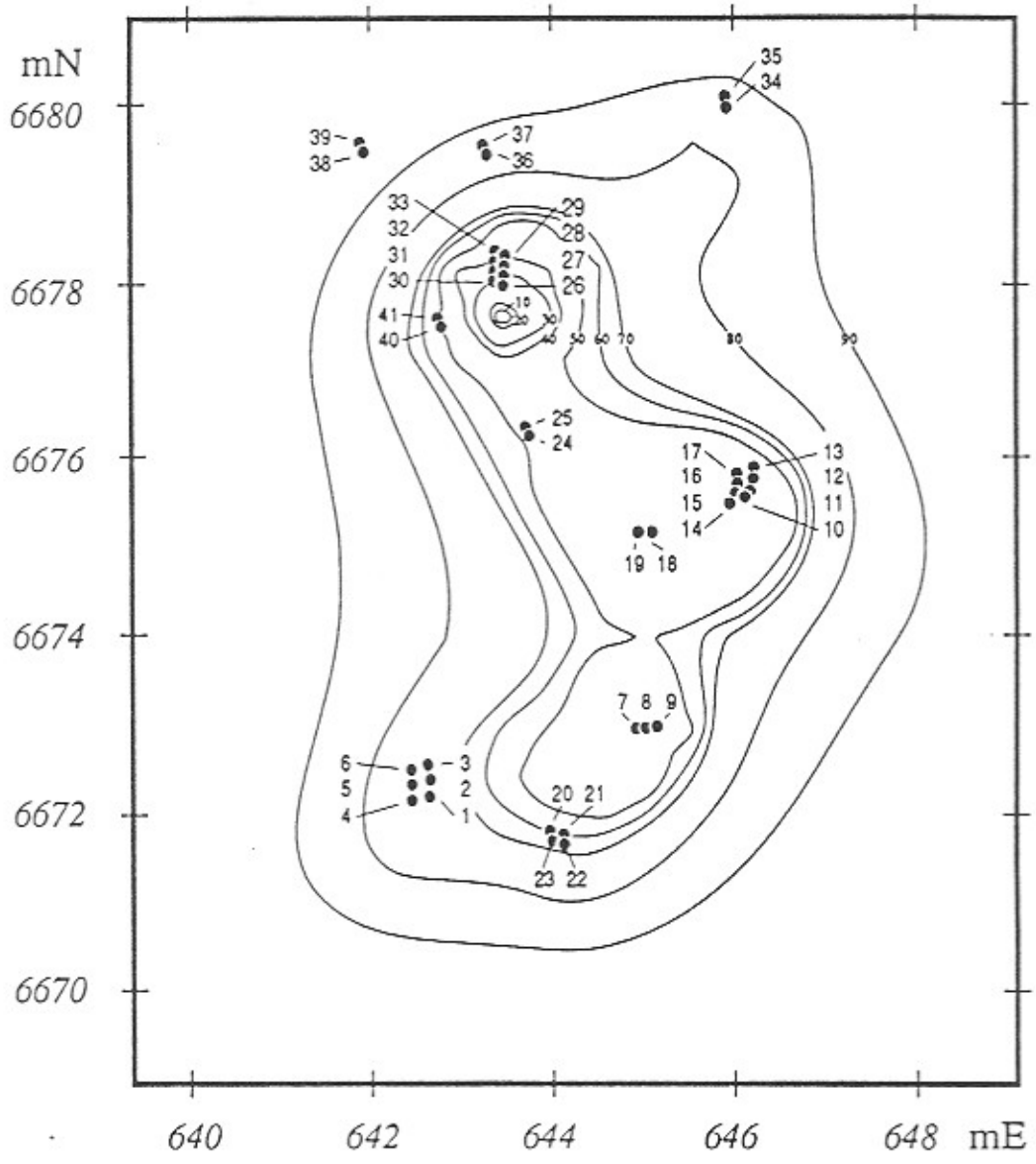


Figure 10. Intensity of Winter Range Use by the Skilak-Tustumena Caribou Population in 10 percent increments (Dixon and Chapman 1980). Larger numbers designate vegetation macroplots

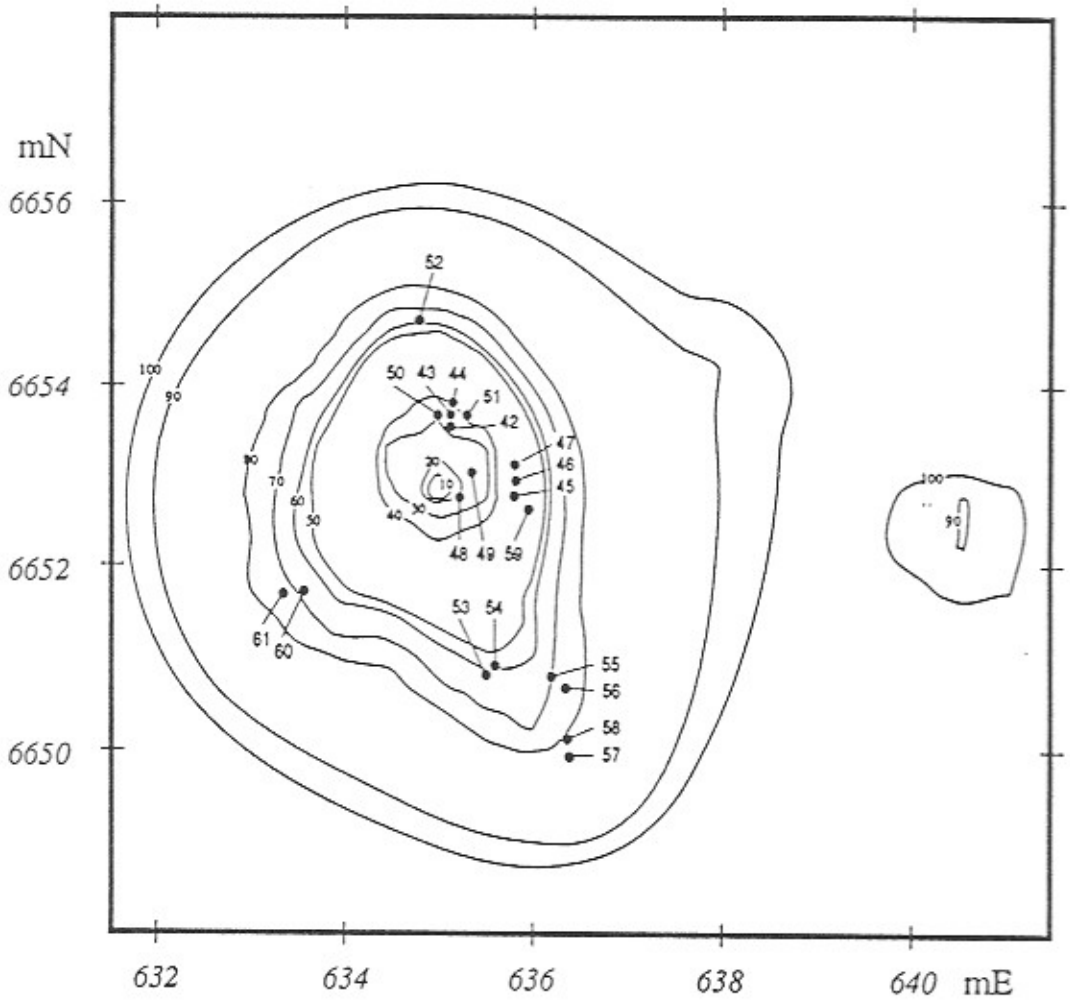


Figure 11. Intensity of Winter Range Use by the Truuli Creek Caribou Population in 10 percent increments (Dixon and Chapman 1980). Larger numbers designate vegetation macroplots

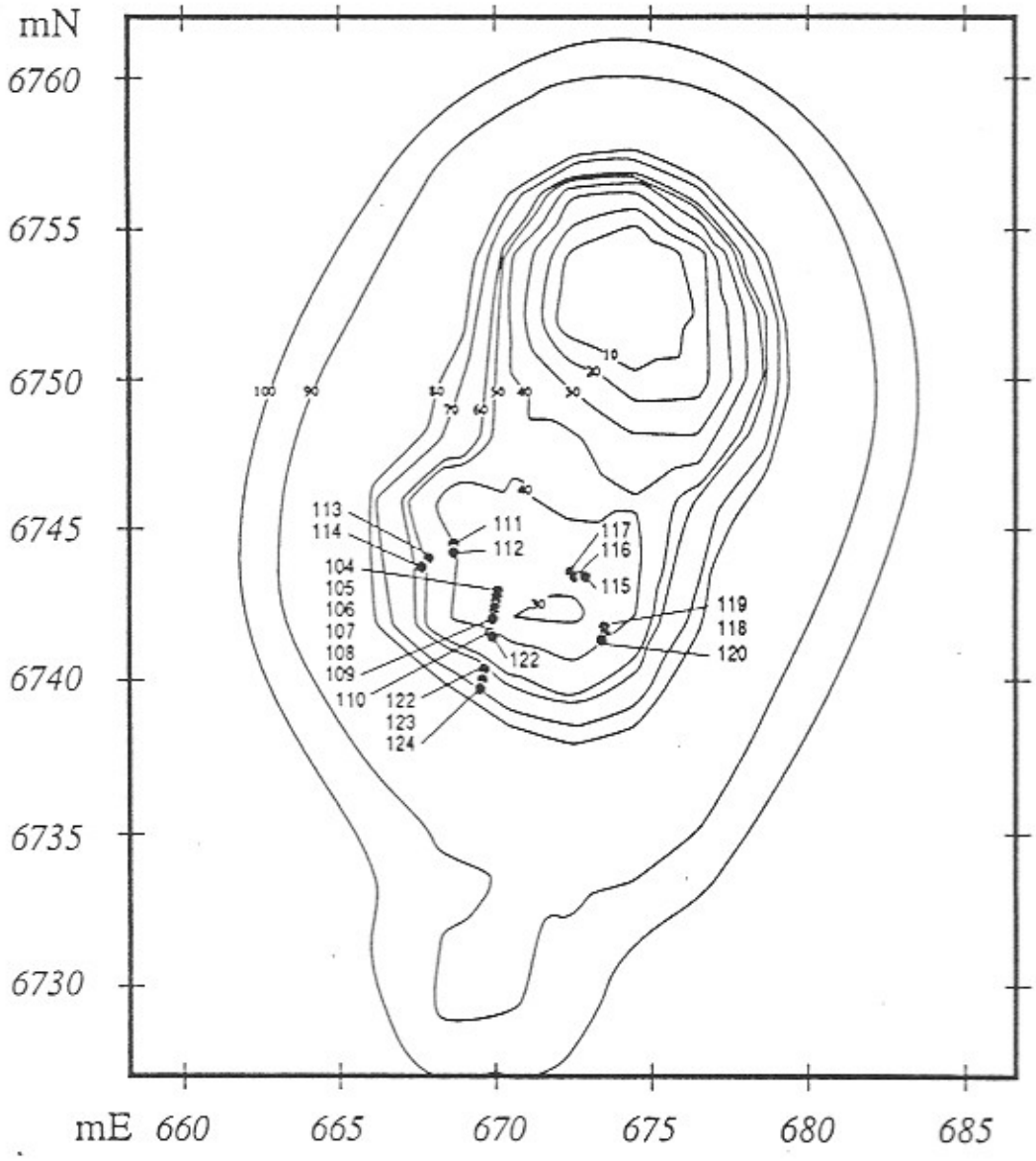


Figure 12. Intensity of Winter Range Use by the Big-Indian Creek Longer-Established Caribou Herd in 10 percent increments (Dixon and Chapman 1980). Larger numbers designate vegetation macroplots

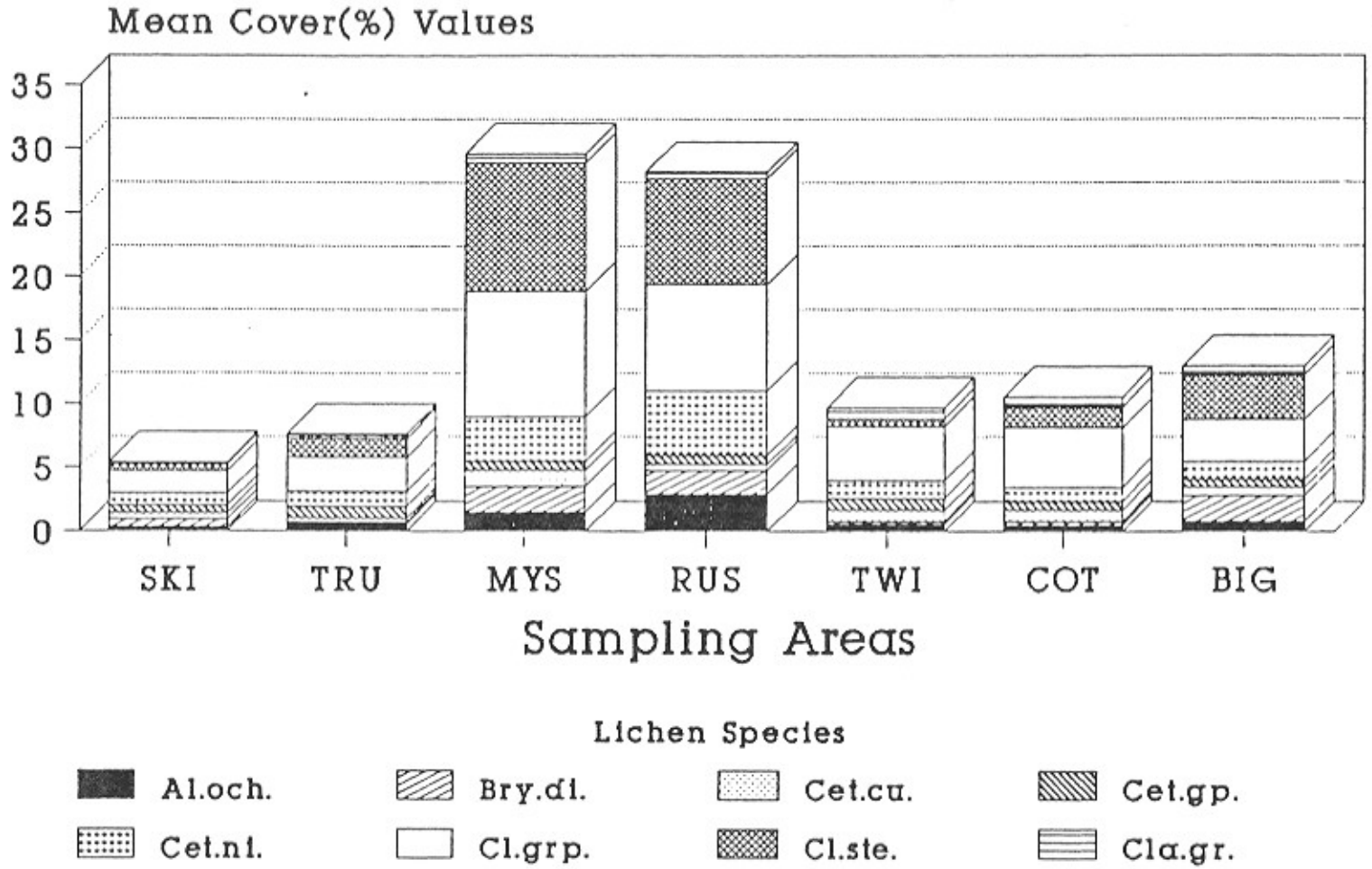


Figure 13. Mean Percent Cover Values of Lichen species (Appendix 7) per Sampling Areas (Table 1)

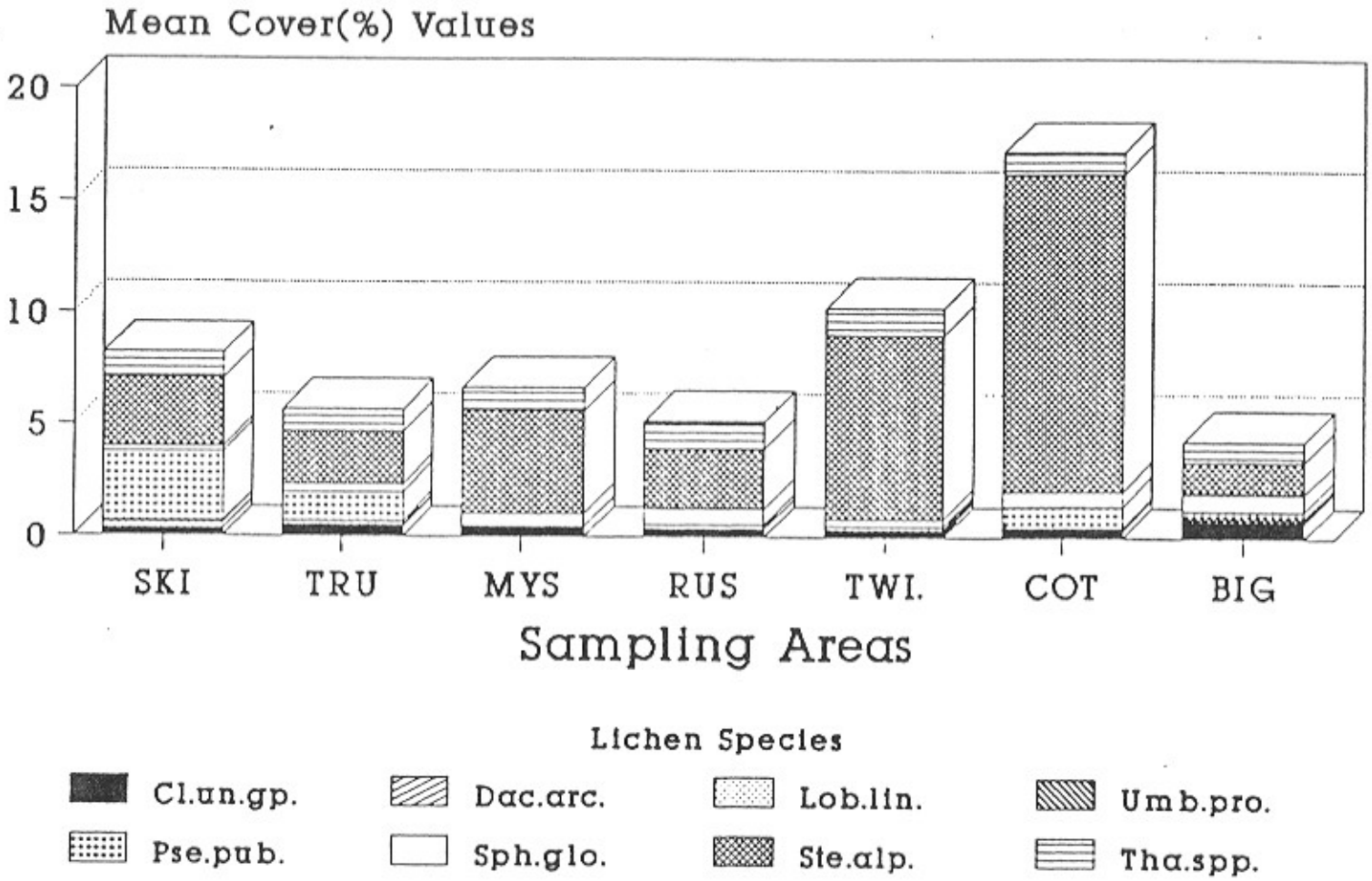


Figure 14. Mean Percent Cover Values of Lichen species (Appendix 7) per Sampling Areas (Table 1)

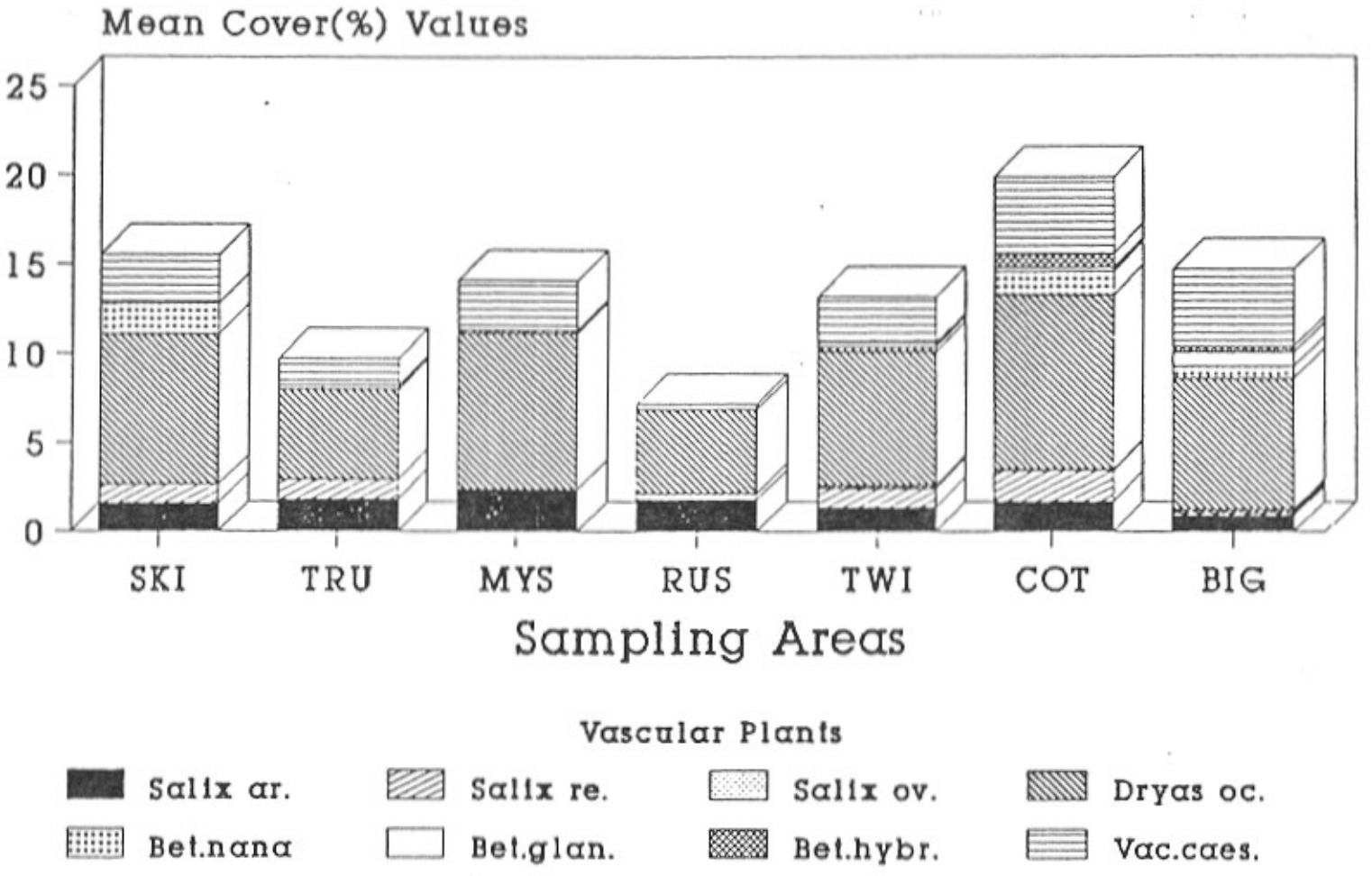


Figure 15. Mean Percent Cover Values of Vascular Plant species (Appendix 7) per Sampling Areas (Table 1)

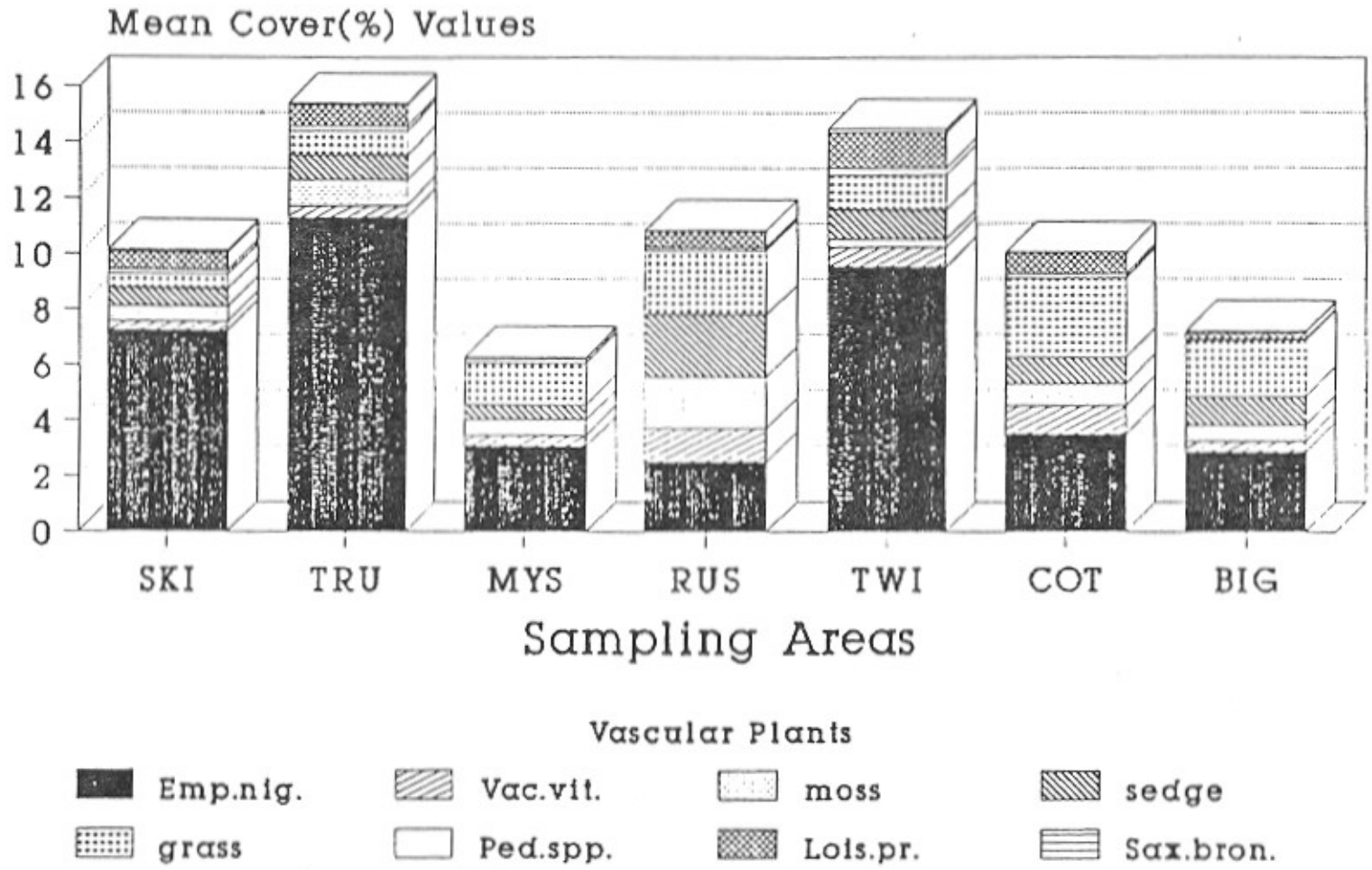


Figure 16. Mean Percent Cover Values of Vascular Plant species (Appendix 7) per Sampling Area (Table 1)

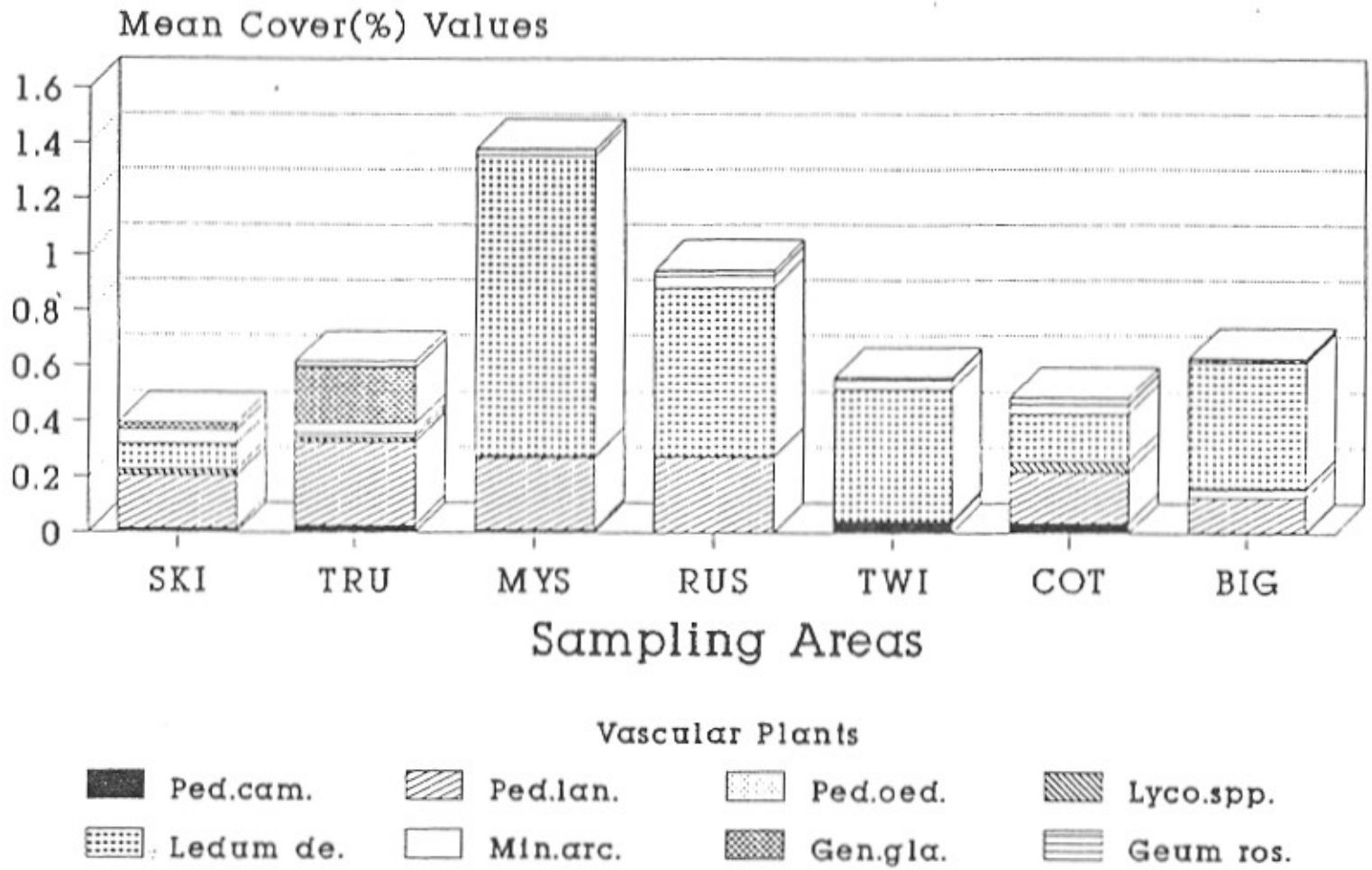


Figure 17. Mean Percent Cover Values of Vascular Plant species (Appendix 7) per Sampling Areas (Table 1)

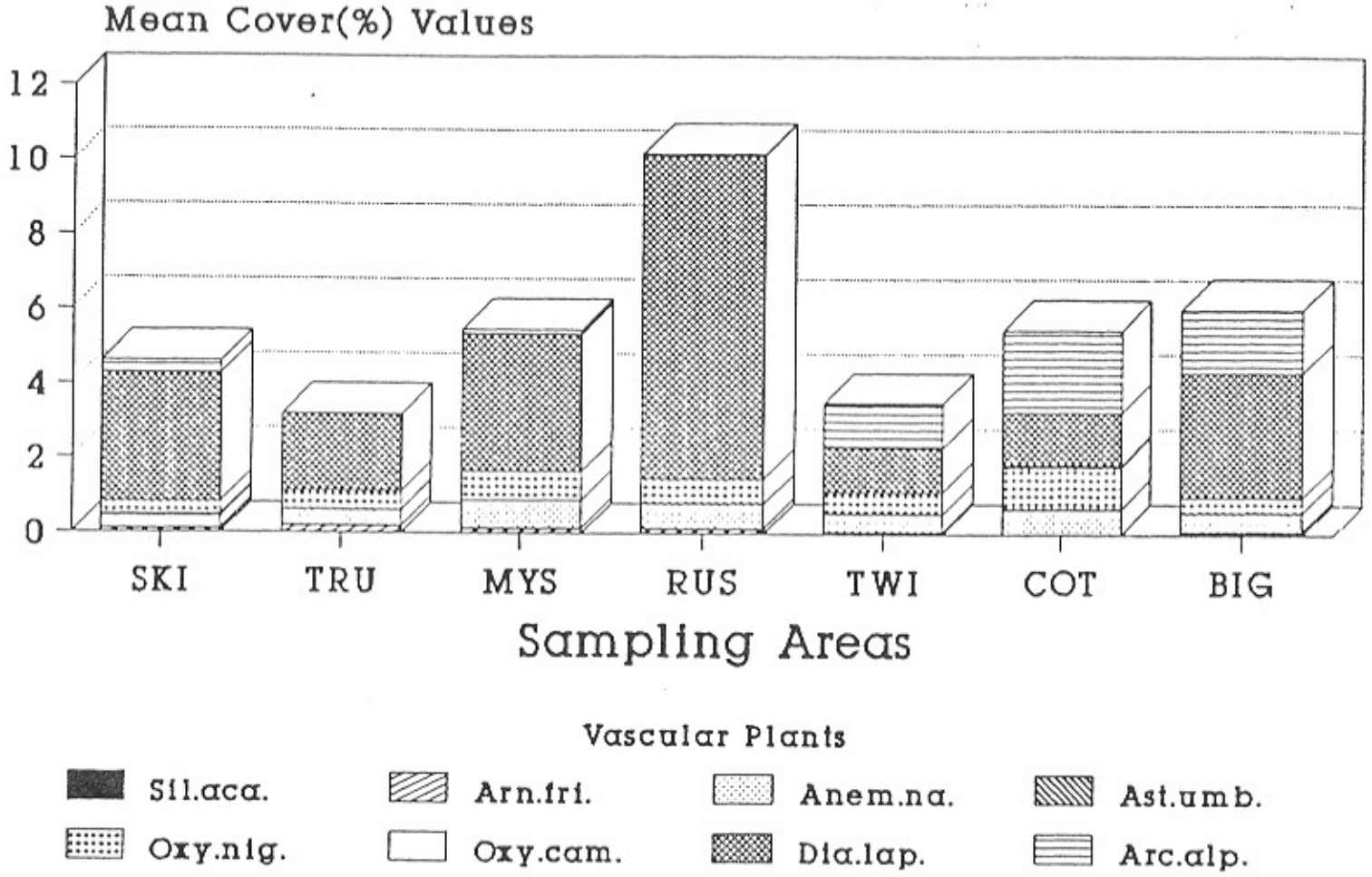


Figure 18. Mean Percent Cover Values of Vascular Plant species (Appendix 7) per Sampling Areas (Table 1)

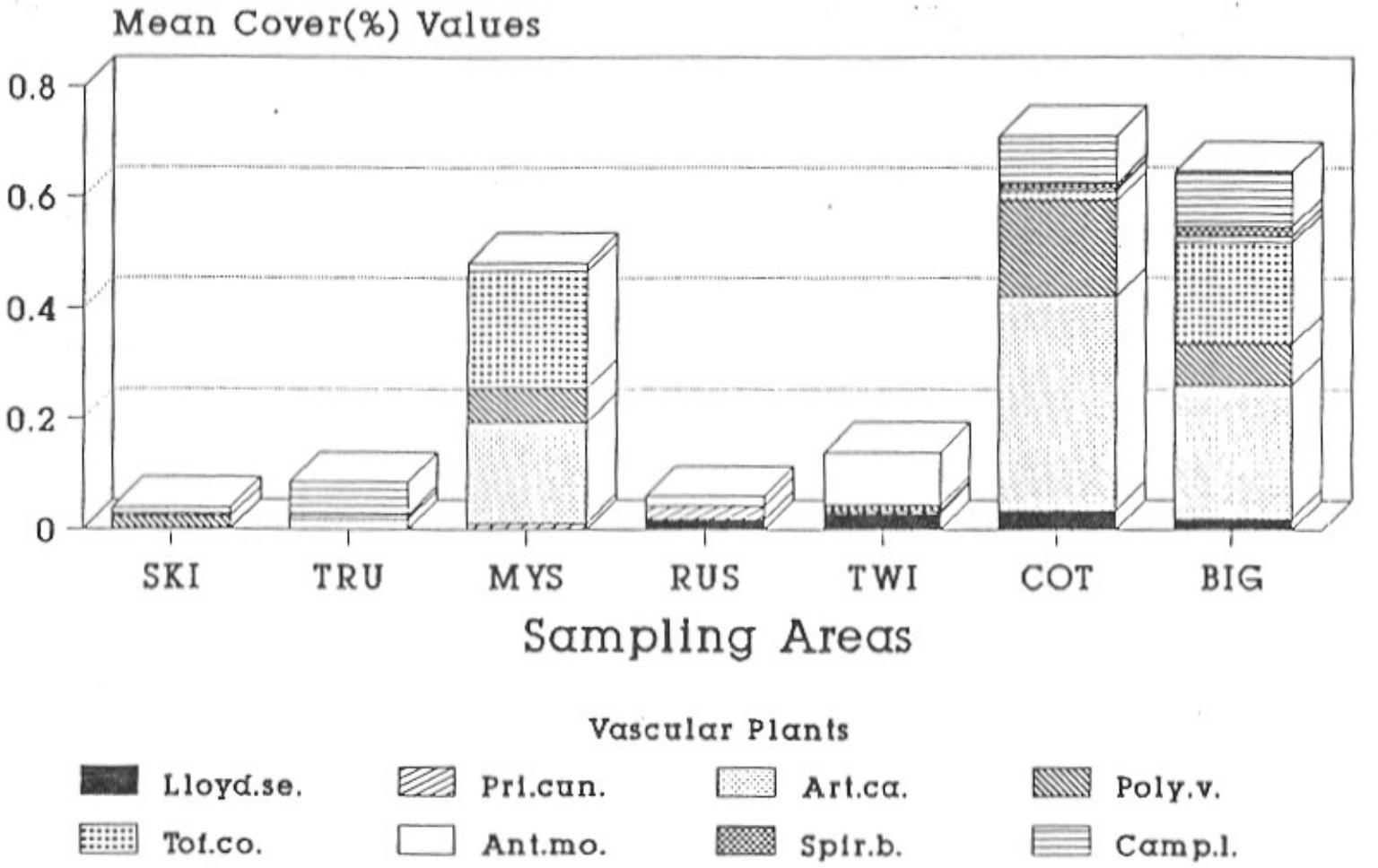


Figure 19. Mean Percent Cover Values of Vascular Plant species (Appendix 7) per Sampling Areas (Table 1)

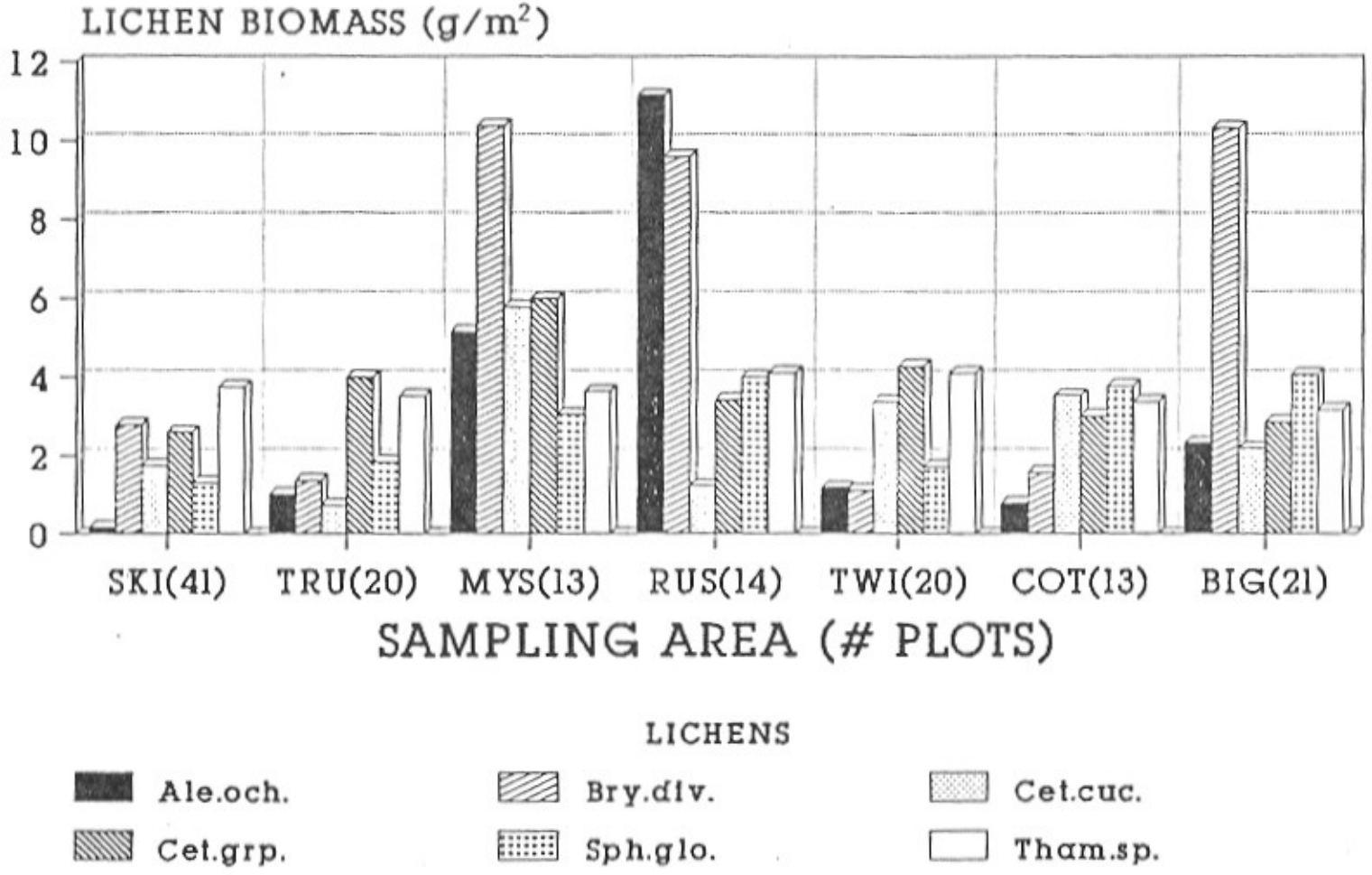


Figure 20. Biomass of various lichen species (Appendix 7) in the sampling areas (Table 1)

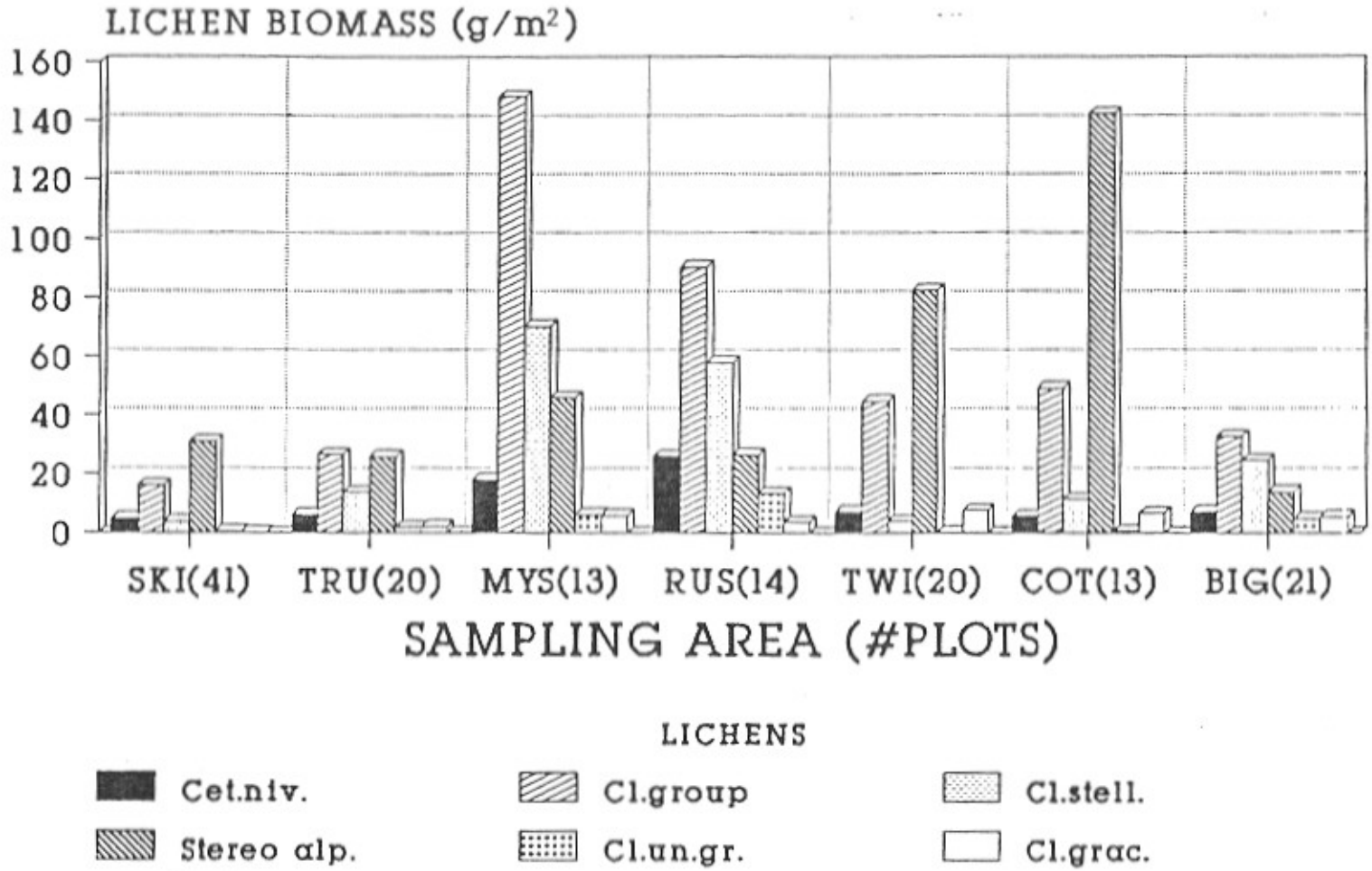
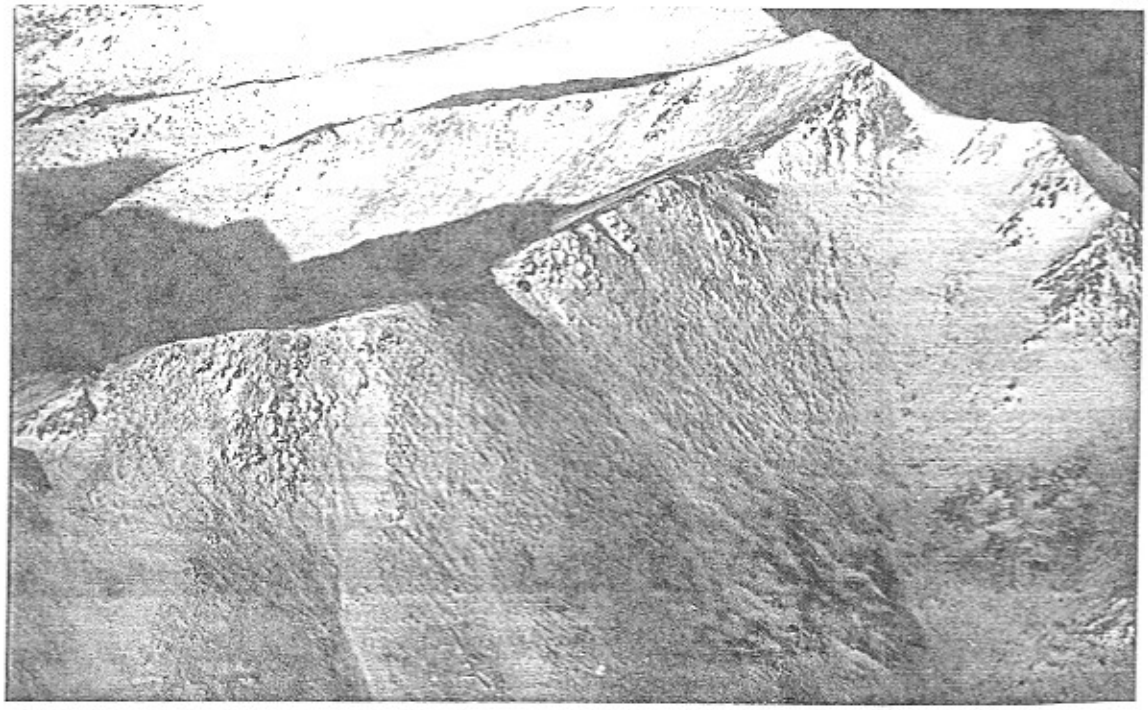
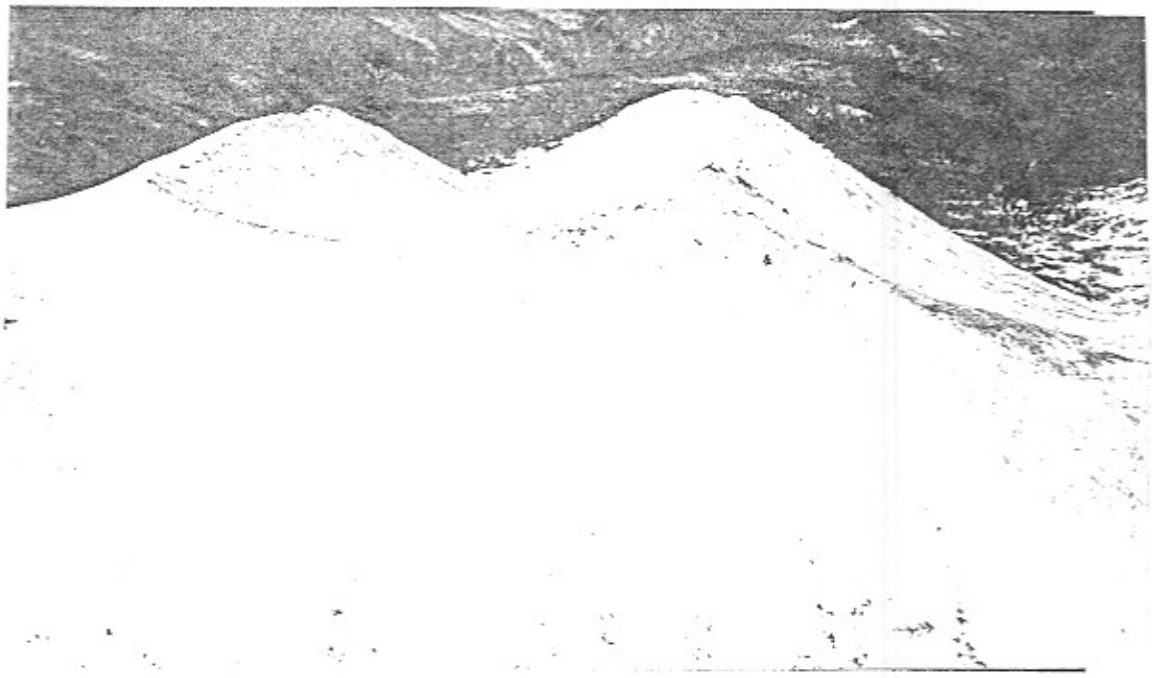


Figure 21. Biomass of various lichen species (Appendix 7) in the sampling areas (Table 1)

note: errata present in this figure, see Table 4 (p. 22) for correct values





Figs.22,23. Big-Indian Creek Longer-Established Herd Winter-Use Area (1988-89)

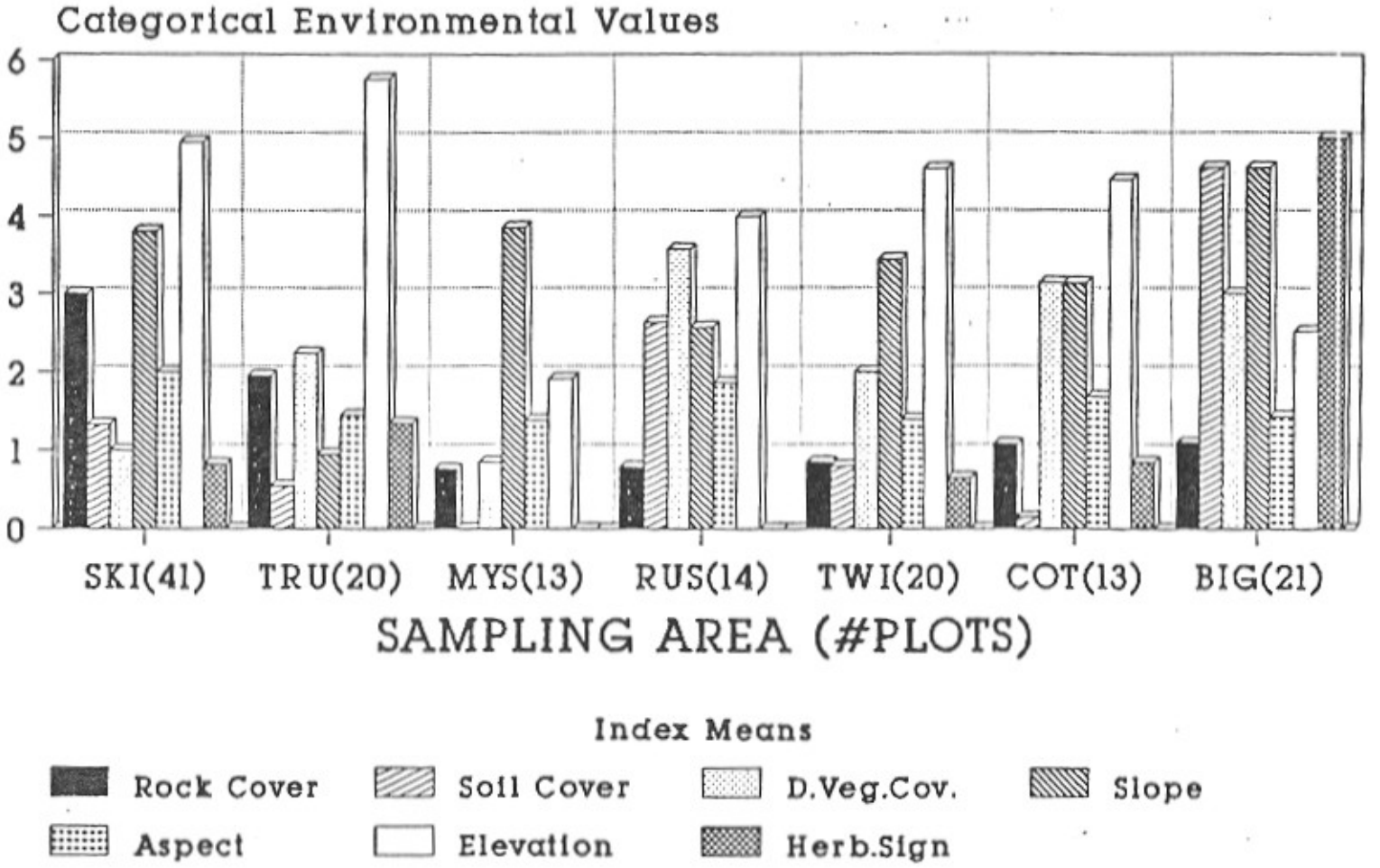


Figure 24. Mean Categorical Environmental Values (Appendix 5,13) per Sampling Areas (Table 1)

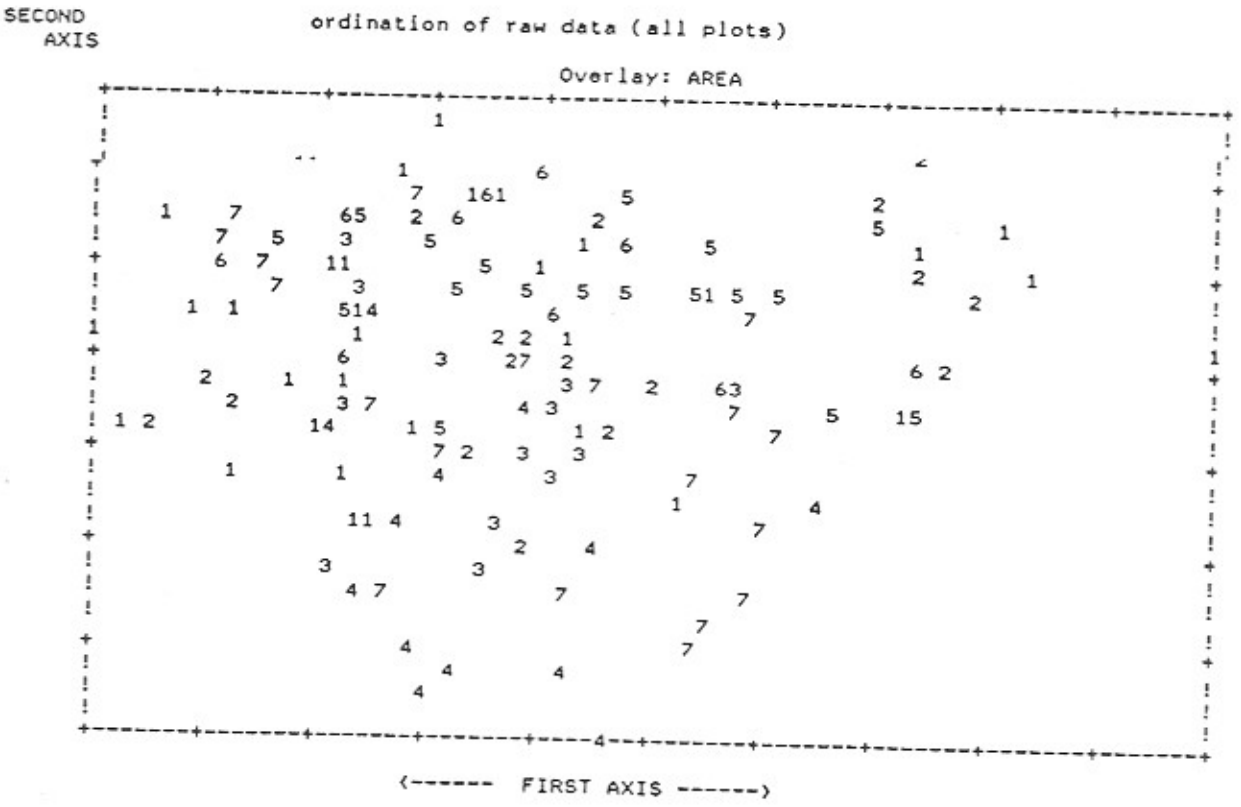


Figure 25. BC Ordination (Bray and Curtis 1957) of 142 macroplots using mean cover values (raw) and sampling area labels (Table 1).

1 — Skolak-Tustumena Benchlands
2 - Truuli-Creek Benchlands
3 - Mystery Hills
4 - Russian Mountains
5 - Twin Lakes
6 - Cottonwood Creek
7 - Big Indian Creek

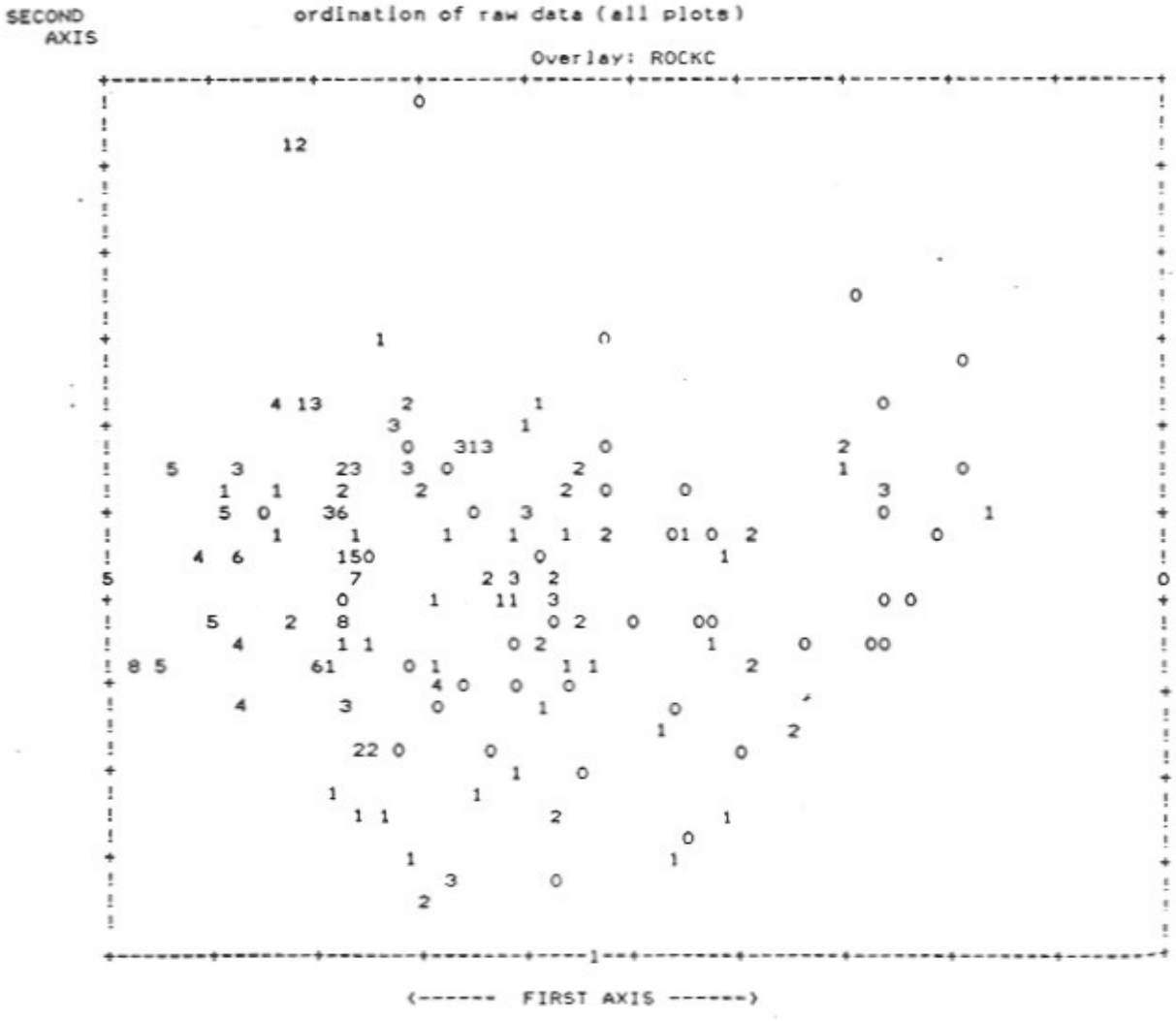


Figure 26. BC Ordination (Bray and Curtis 1957) of 142 macroplots using mean cover values (raw) and categorical rock cover gradient (Appendix 5).

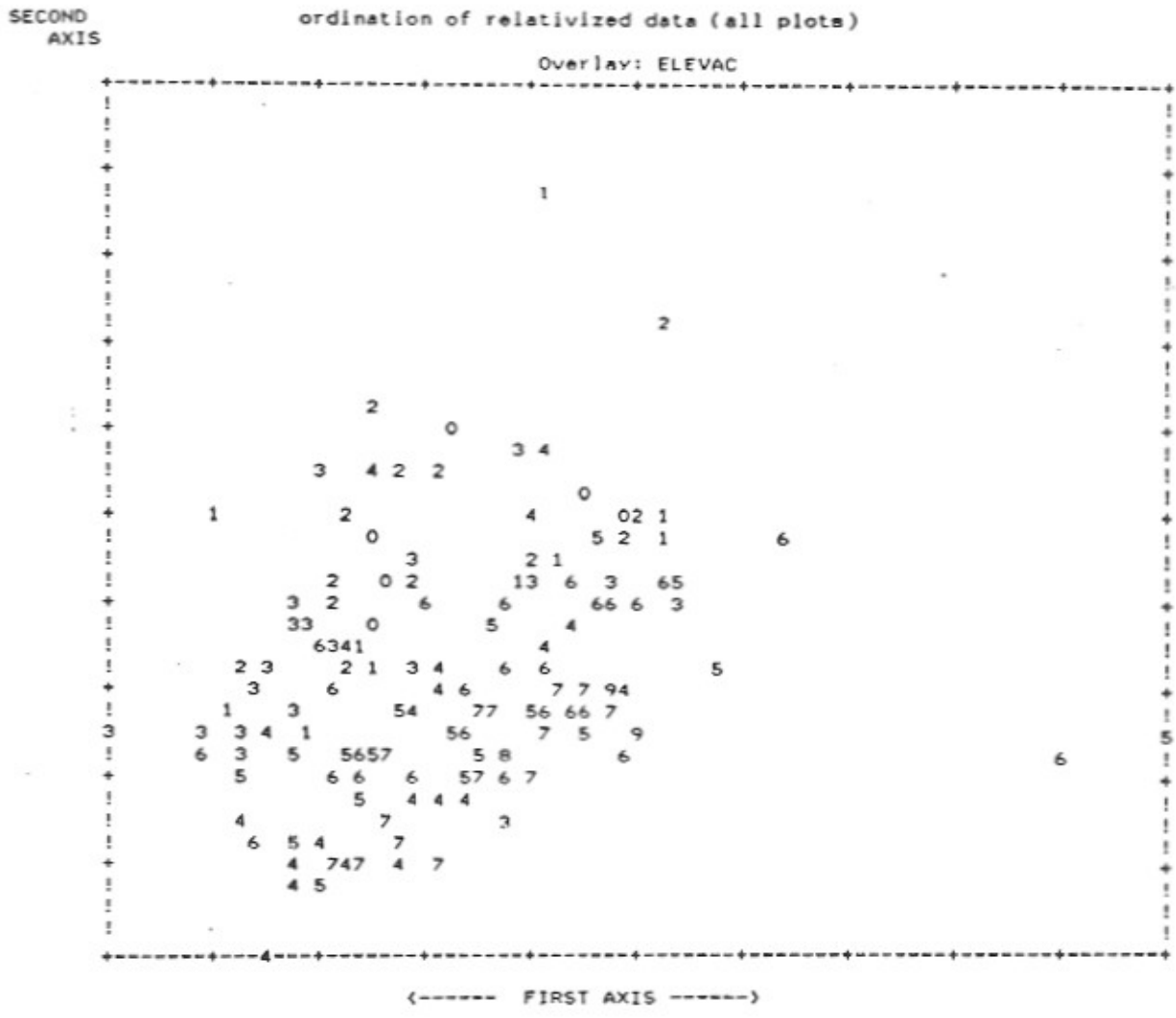


Figure 27. BC Ordination (Bray and Curtis 1957) of 142 macroplots using mean cover values (relativized) and categorical elevation gradient (Appendix 5).

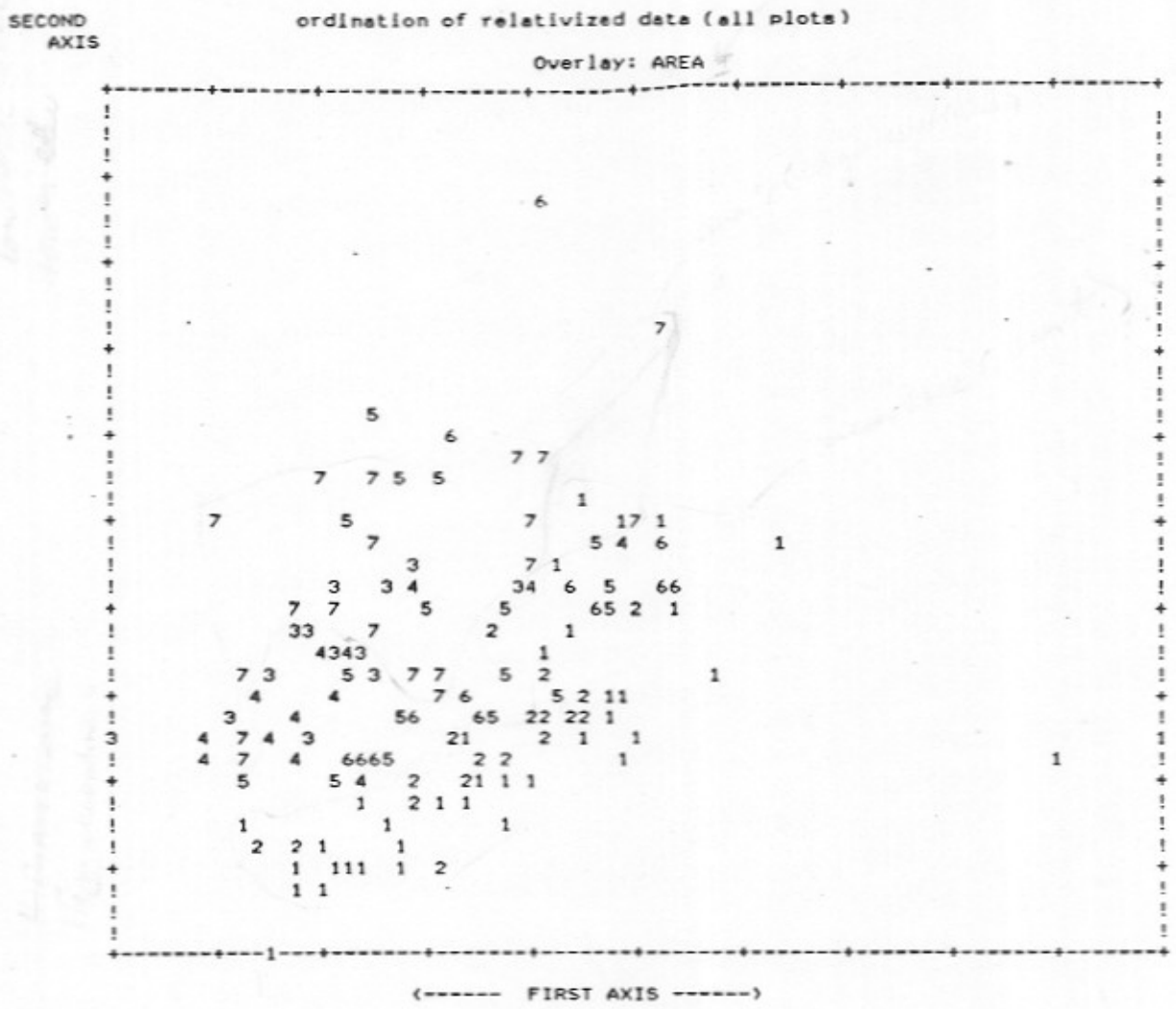


Figure 28. BC Ordination (Bray and Curtis 1957) of 142 macroplots using mean cover values (relativized) and sampling area labels (Table 1).

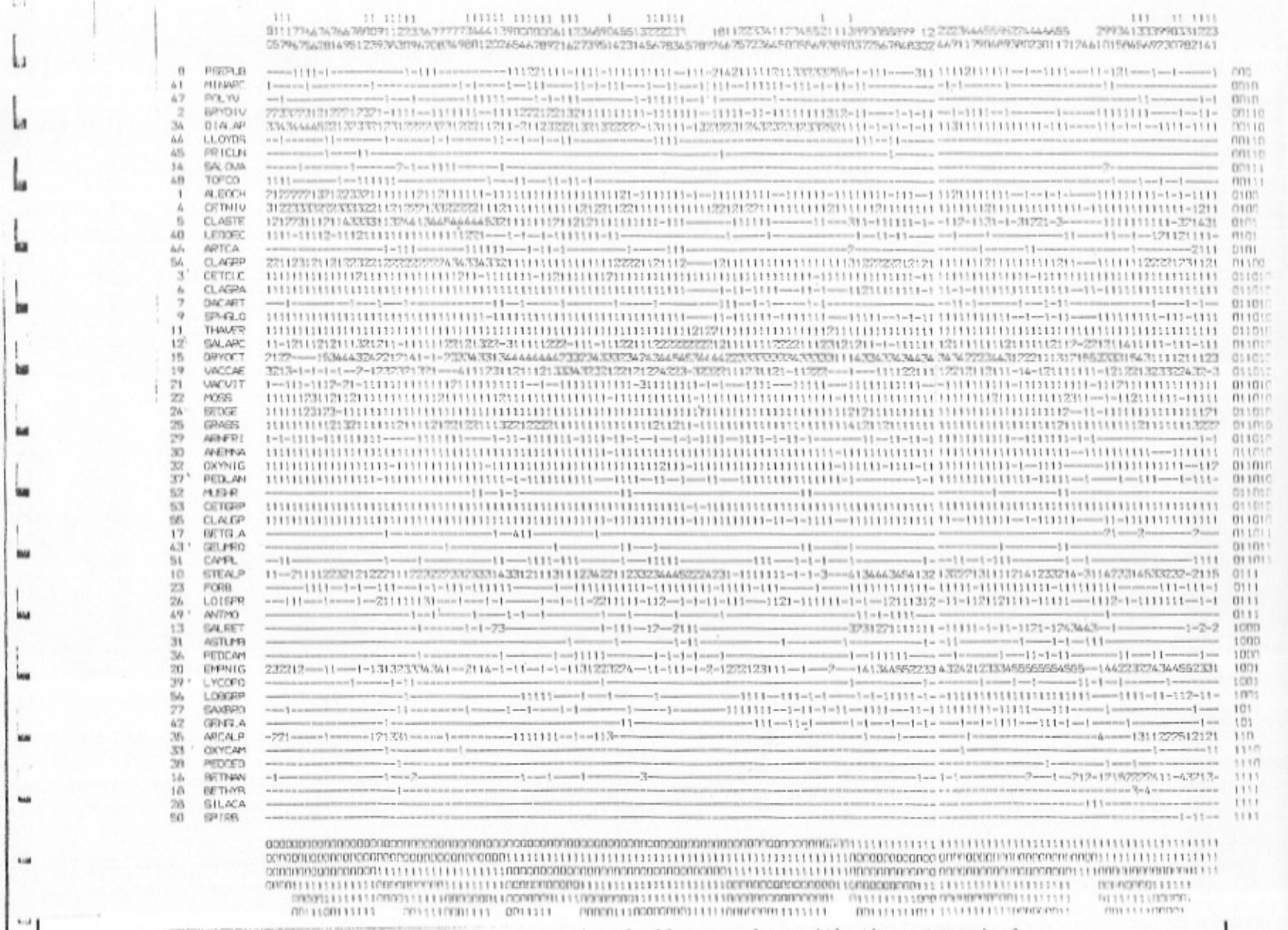
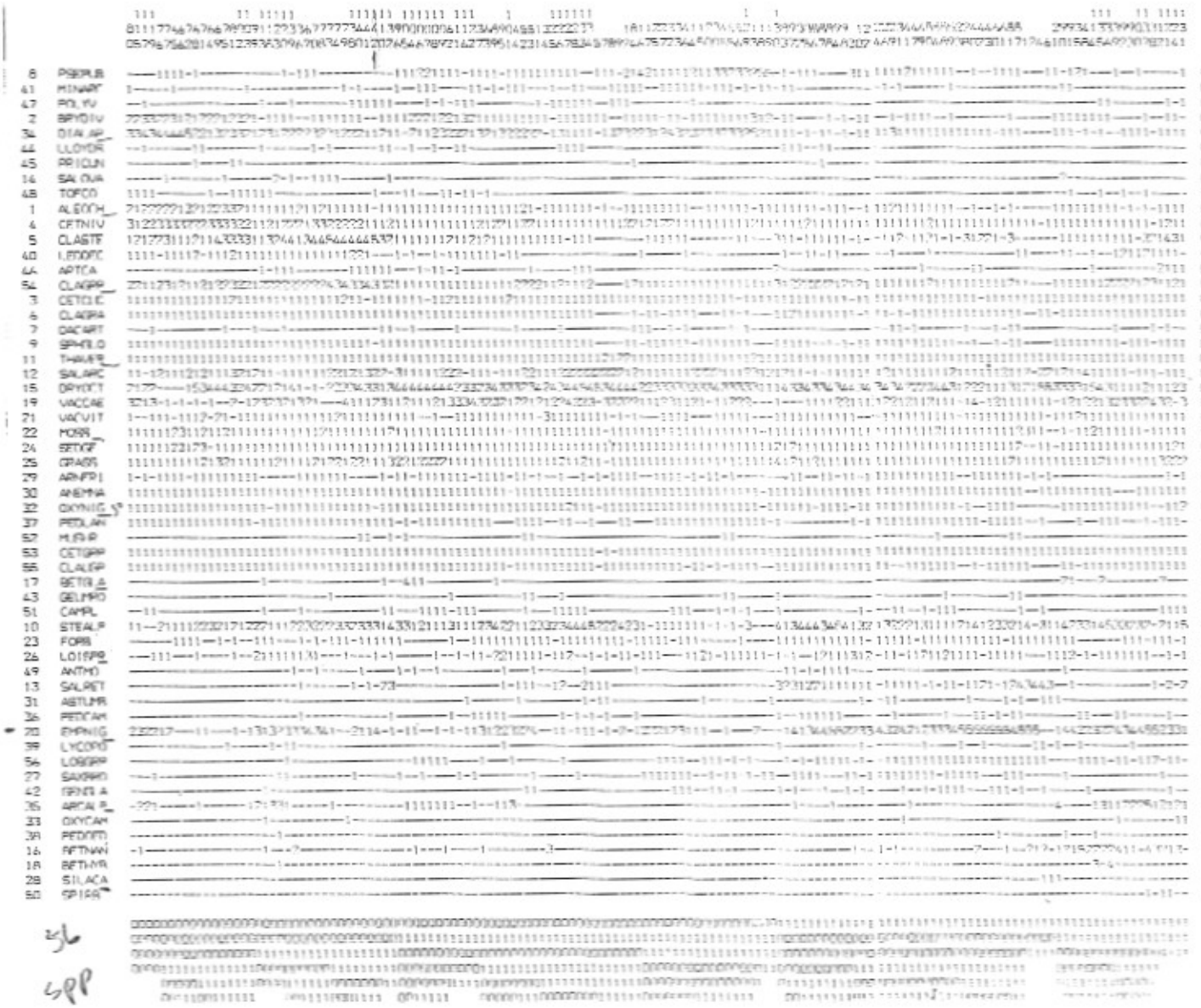


Figure 29. TWINSPAN classification matrix of all macroplots with the categorical cover values of: 1= 0-1%, 2= 2-4%, 3= 5-9%, 4= 10-19%, 5= 20-100% . Species listed in Appendix 7.



all macrophots
~142

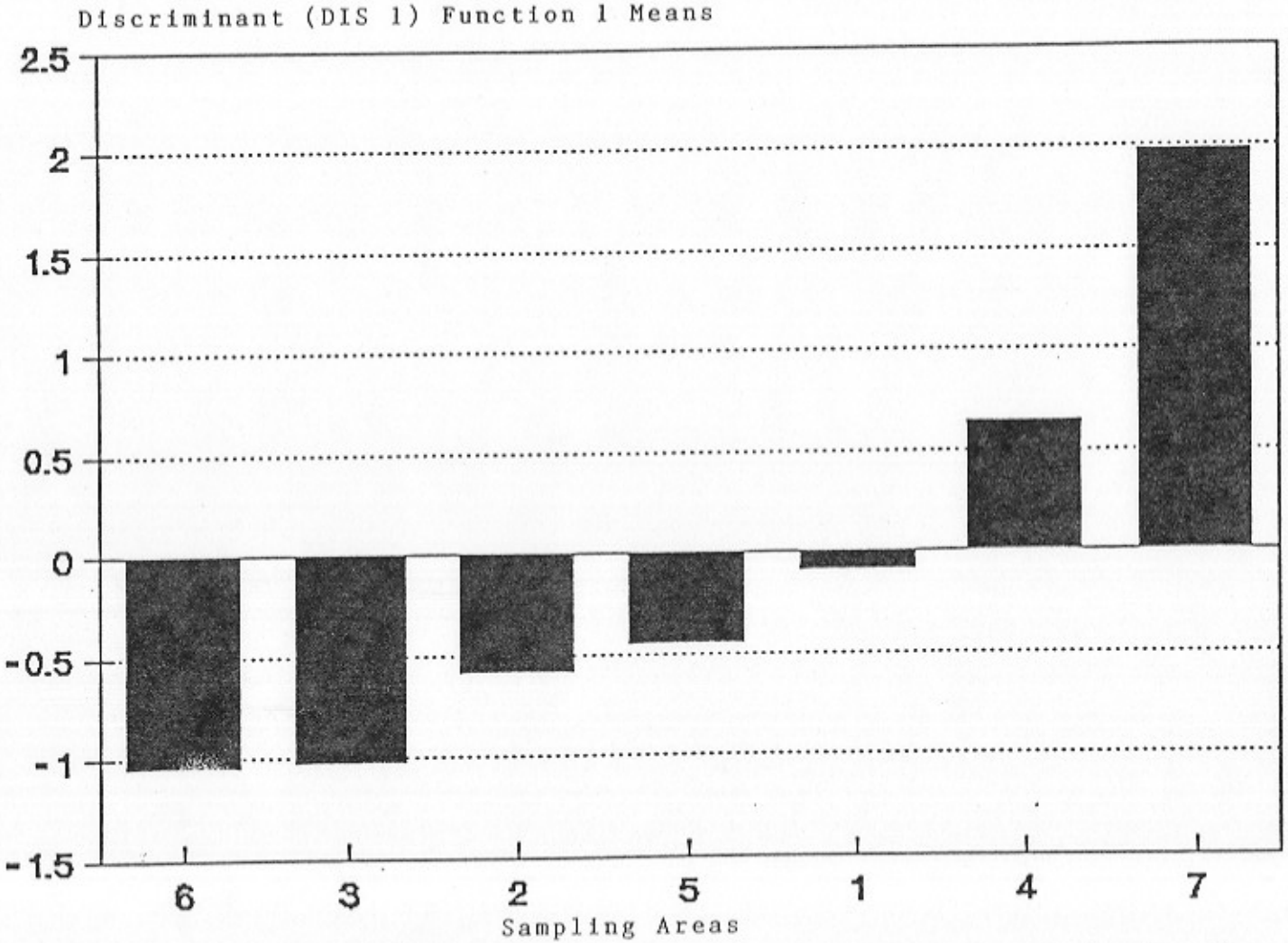


Figure 30. Discriminant (DIS 1) Function 1 means per sampling area (Table 1).

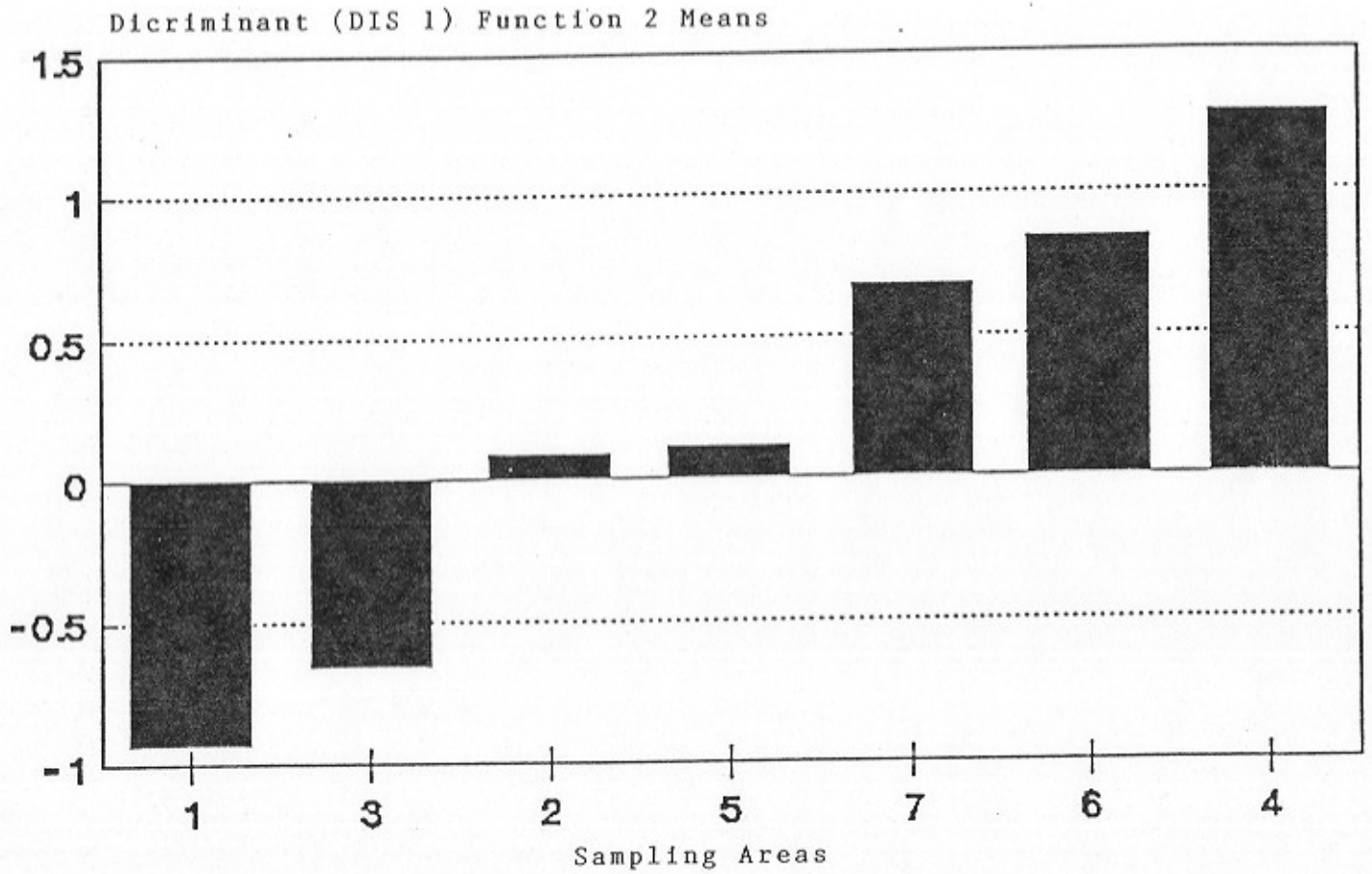


Figure 31. Discriminant (DIS 1) Function 2 means per sampling area (Table 1).

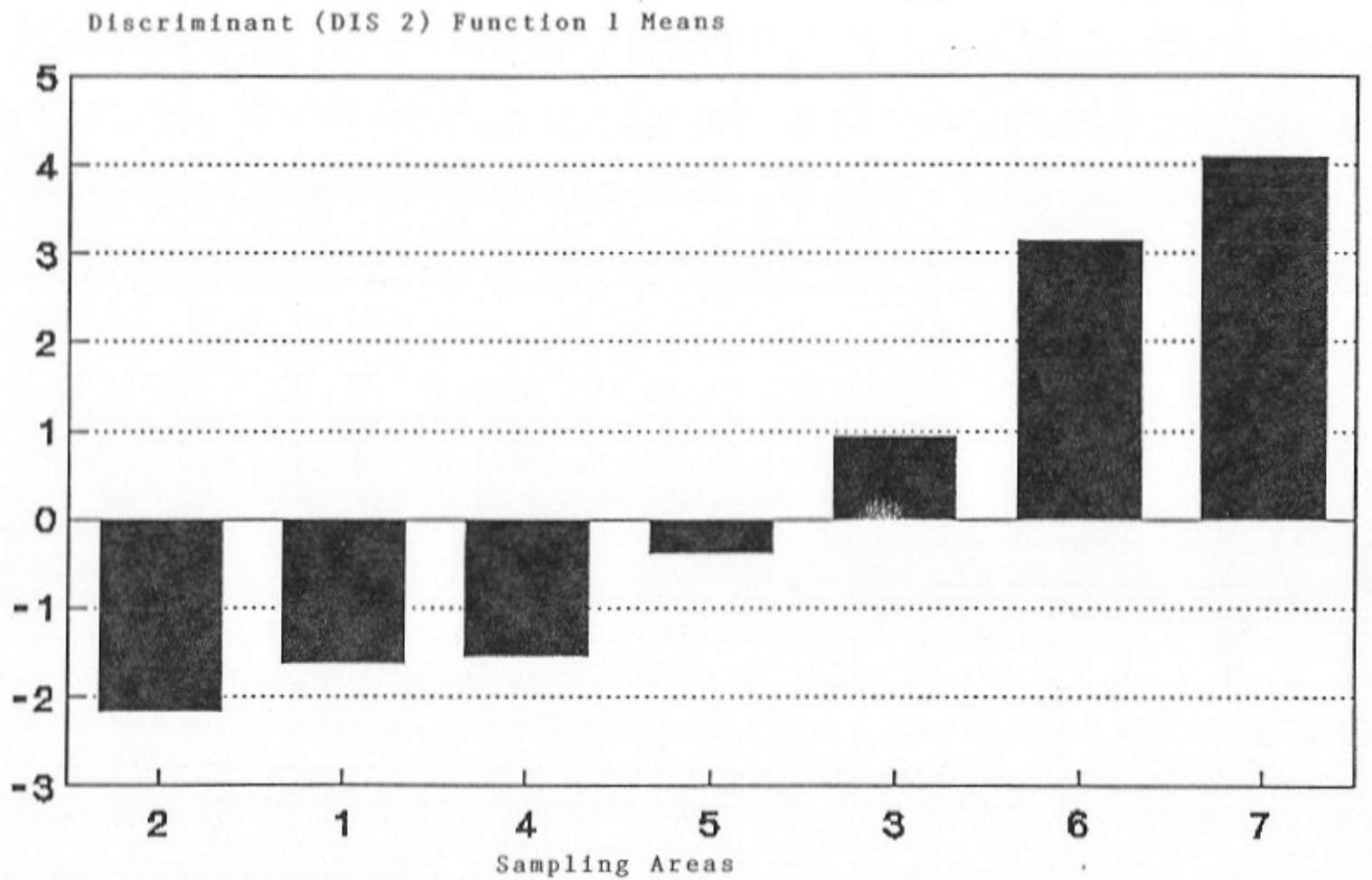


Figure 32. Discriminant (DIS 2) Function 1 means per sampling area (Table 1).

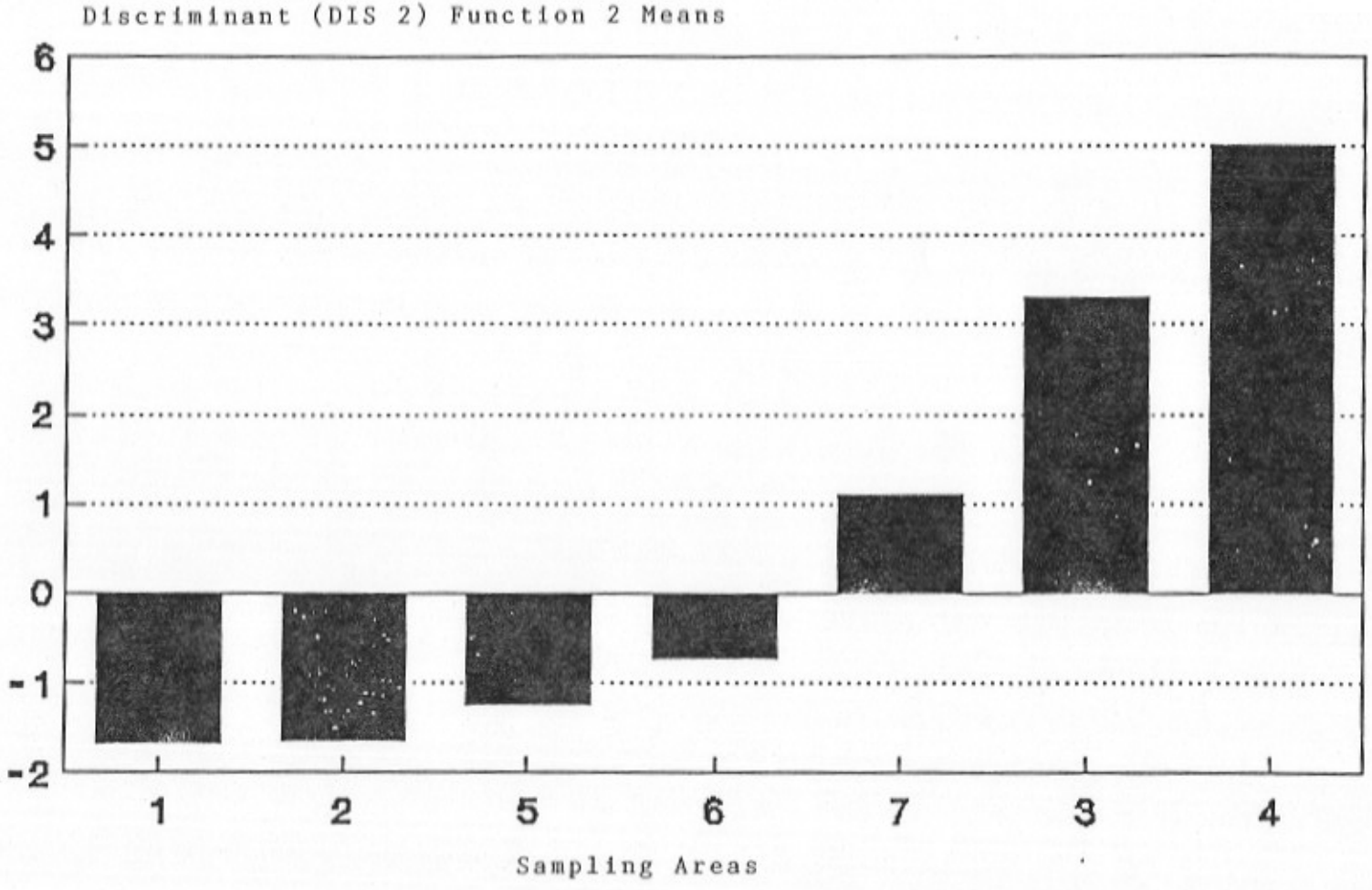


Figure 33. Discriminant (DIS 2) Function 2 means per sampling area (Table 1).

Appendix 1. Vegetation Cover Values Per Sampling Areas

1) Skilak-Tustumena Benchlands Recently-Introduced Caribou Herd Winter Use Area

PLT001	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	1	1	5	1	0	0	0	0	5	0	1	0	0	0	0	0	0	0	1	0.8	8
Cet.gp	1	0	1	0	0	0	0	0	1	1	1	0	1	0	0	1	0	0	0	1	0.4	7
Cet.ni	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cl.gp.	0	0	1	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	1	1	0.4	4
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	10	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55	2
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	5	10	0	1	1	7
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	5	1	0	1	20	50	1	10	5	25	30	5	15	10	1	5	10	5	15	5	10.95	19
Tha.ve	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0.35	7
Sal.ar	5	10	20	5	0	0	0	0	0	15	0	0	1	0	0	1	0	0	0	0	2.85	7
Sal.re	1	5	1	5	1	60	40	5	5	0	0	0	1	0	0	5	0	0	0	0	6.45	11
Dry.oc	15	40	0	1	10	0	0	0	0	0	0	5	0	0	1	0	1	0	5	0	3.9	8
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	1	1	15	5	0	0	0	0	15	5	20	15	0	0	0	0	0	0	0	0	3.85	8
Vac.ca	1	1	0	1	1	1	0	0	0	0	0	0	0	1	0	0	15	0	1	0	1.1	8
Emp.ni	10	0	1	10	1	20	1	25	35	15	25	65	50	40	30	75	70	25	20	90	30.4	19
Vac.vi	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0.15	3
moss	0	20	1	0	1	70	0	15	0	0	0	0	0	0	0	0	0	20	0	0	6.35	6
Ped.	1	0	1	0	1	1	1	1	0	0	1	1	1	1	1	1	0	1	1	0	0.7	14
sedge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
grass	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	0	0.8	16
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT002	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cet.gp	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	2
Cet.ni	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cl.gp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	1	0	0	0	0	0	0	10	1	1	0	0	0	0	0	0	0	0	0	1	0.7	5
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tha.ve	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.re	0	5	20	50	25	10	10	0	5	10	10	10	0	5	20	15	1	1	1	5	10.15	17
Dry.oc	10	0	0	0	0	0	5	0	10	5	0	5	1	0	0	0	0	0	1	1	1.9	7
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0.25	1
Vac.ca	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.5	1
Emp.ni	0	90	30	30	0	15	0	80	45	20	85	75	80	50	1	75	70	0	80	70	44.8	16
Vac.vi	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1
moss	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	10	0	0	1.5	2
Ped.	0	1	1	1	1	1	0	0	0	1	1	1	0	0	1	1	0	0	0	1	0.55	11
sedge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
grass	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	20	1	1	1.85	18
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	2
Anem.n	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT003	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.gp	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.ni	0	0	0	0	0	0	0	0	0	5	0	0	1	0	0	0	0	1	0	0	0.35	3
Cl.gp.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0.5	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	1	0	15	15	15	15	0	0	5	1	15	1	1	1	10	1	10	1	1	5.4	16
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	10	20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1.55	3
Tha.ve	0	0	0	0	1	0	1	1	0	1	1	0	1	1	1	1	5	5	1	0	1	12
Sal.ar	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0.15	3
Sal.re	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1
Dry.oc	0	25	30	15	20	10	5	20	1	10	15	1	0	5	10	40	5	20	5	40	13.85	18
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Vac.ca	10	0	0	0	0	5	0	0	0	1	0	1	5	0	0	0	0	1	0	5	1.4	7
Emp.ni	25	20	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2.35	4
Vac.vi	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0.15	3
moss	35	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.8	2
Ped.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
sedge	1	1	0	0	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	0.3	6
grass	0	0	0	0	0	0	1	0	35	0	0	0	0	0	0	0	0	0	0	0	1.8	2
Lois.p	0	1	15	0	0	10	0	5	10	5	20	1	10	10	0	0	25	0	10	0	6.1	12
Sax.br	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Anem.n	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0.15	3
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT004	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	1	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	1	1	1	0.5	10
Cet.gp	0	1	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	1	1	0.4	8
Cet.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cl.gp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	2
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	0	10	35	5	10	15	20	10	1	1	0	1	1	1	1	0	0	1	1	5	5.9	16
Tha.ve	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Sal.ar	0	0	0	45	30	0	10	0	0	0	1	1	0	5	5	0	0	0	0	1	4.9	8
Sal.re	10	40	1	0	1	1	5	20	10	0	1	40	40	1	0	30	10	15	25	0	12.5	17
Dry.oc	5	15	40	1	0	45	25	20	25	50	80	70	40	50	50	25	75	5	40	75	36.8	19
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	30	0	0	20	20	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Vac.ca	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	1	1	0	0	0	1	1	1	0	0	0	1	0	1	0	0	0	1	0.4	8
moss	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0.55	2
Ped.	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0.25	5
sedge	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0.35	7
grass	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	0.8	16
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0.5	1
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0.2	4
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.1	2
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT005	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.cu	1	1	0	1	0	0	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0.35	7
Cet.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.ni	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cl.gp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0.3	6
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	1	0	5	1	5	5	5	15	15	5	1	1	5	10	5	1	5	5	0	0	4.5	17
Tha.ve	5	1	0	0	1	1	0	0	1	0	0	0	1	1	1	0	1	1	5	1	1	12
Sal.ar	15	5	0	0	1	0	1	0	1	0	0	1	1	0	0	5	10	0	1	0	2.05	10
Sal.re	0	0	1	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	1.05	2
Dry.oc	40	65	60	90	25	50	50	10	0	10	50	50	20	40	50	0	50	40	15	15	36.5	18
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
moss	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0.3	6
Ped.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
sedge	1	0	0	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	0.75	15
grass	1	0	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0.45	9
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Anem.n	1	1	1	0	0	1	5	0	0	0	1	0	0	1	0	0	1	0	0	0	0.6	8
Ast.um	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0.15	3
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT006	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	0.2	4
Cet.gp	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	1	0.3	6
Cet.ni	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.1	2
Cl.gp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	0	0	0	0	0	1	0	0	0	0	0	5	1	1	10	0	5	0	5	1	1.45	8
Tha.ve	0	0	1	5	0	5	1	0	0	0	0	0	0	1	1	1	0	1	1	0	0.85	9
Sal.ar	10	0	10	1	0	1	20	1	0	0	0	0	0	0	0	25	0	0	0	0	3.4	7
Sal.re	0	5	0	0	0	0	0	0	0	25	0	1	45	0	0	0	20	25	30	1	7.6	8
Dry.oc	20	50	50	15	5	25	25	75	70	70	25	25	5	75	60	40	0	0	0	85	36	16
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0.1	2
sedge	1	1	0	1	0	1	1	1	0	1	1	1	0	1	1	1	1	0	1	1	0.75	15
grass	0	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	0	1	1	0.5	10
Lois.p	10	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.55	2
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0.1	2
Arn.fr	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Anem.n	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	1	1	1	0.4	8
Ast.um	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0.15	3
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT007	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Bry.di	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.cu	1	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0.25	5
Cet.gp	0	0	0	1	0	1	1	0	0	0	1	0	1	1	1	1	1	0	0	1	0.5	10
Cet.ni	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cl.gp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	0	1	1	1	1	25	0	0	0	0	0	1	0	0	1	1	1	1	0	1.7	10
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	1	1	1	0	1	1	0	1	1	1	1	1	0	1	1	1	0	0	1	1	0.75	15
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	1	0	1	10	10	0	1	1	5	0	0	0	5	1	1	0	15	0	0	1	2.6	12
Tha.ve	1	1	1	1	5	5	1	1	1	0	1	1	5	5	0	5	10	1	1	1	2.35	18
Sal.ar	5	1	10	0	10	0	0	1	20	0	1	0	0	0	0	0	0	0	1	1	2.5	9
Sal.re	0	0	0	0	0	0	10	0	0	0	0	1	0	0	0	0	0	0	0	0	0.55	2
Dry.oc	0	1	0	15	1	25	1	5	0	1	1	5	1	0	10	1	25	10	0	0	5.1	14
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	10	20	10	10	0	1	1	1	10	1	0	0	5	25	10	1	20	10	1	10	7.3	17
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	35	0	0	1.8	2
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
moss	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	1	0	0	0.25	5
sedge	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0.9	18
grass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lois.p	0	0	1	0	20	1	1	0	0	0	1	0	1	1	1	1	1	0	1	0	1.5	11
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0.15	3
Ast.um	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Oxy.ni	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0.2	4
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	1	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0.25	5
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT008	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Cet.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.ni	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	5	1	0	1	1	0.75	11
Cl.gp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	1	0	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0.3	6
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	1	10	15	1	10	0	5	0	10	0	0	1	0	1	5	0	0	0	0	0	2.95	10
Tha.ve	1	1	1	10	1	1	1	1	1	1	5	1	1	1	1	0	1	1	1	1	1.6	19
Sal.ar	0	10	1	0	1	5	5	1	0	5	5	0	10	1	0	0	10	1	1	5	3.05	14
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	50	15	10	40	10	1	20	5	50	0	5	10	5	1	40	10	0	0	10	5	14.35	17
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	5	1	10	0	0	0	0	0	5	25	0	0	0	0	0	15	3.05	6
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0.15	3
Ped.	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
sedge	0	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	0	1	1	1	0.75	0
grass	0	1	1	1	1	0	0	1	0	0	1	1	0	0	0	0	0	1	0	0	0.4	8
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Anem.n	0	1	1	1	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0.3	6
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	1	1	1	1	0	0	1	0	1	1	0	1	5	1	1	1	0.8	12
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	5	10	5	0	0	5	10	5	0	15	0	10	5	20	40	10	7	12
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	1	1	0	0	1	0	0	1	0	1	0	0	0	0	5	0	0	0.5	6
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT009	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	5	0	1	0	0	1	0	1	1	5	1	1	0	1	0	0	0	0	0	0.9	10
Cet.gp	0	1	0	0	0	0	0	1	1	0	10	1	0	0	0	0	0	0	0	0	0.7	5
Cet.ni	1	0	1	1	1	5	1	5	0	0	1	0	1	1	1	1	1	0	1	1	1.15	15
Cl.gp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	1	5	0	0	0	0	0	5	5	5	0	5	1	1	1	1	1	0	0	1.55	11
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	1	15	15	0	1	1	5	15	50	10	10	15	20	15	5	1	25	5	10	10	11.45	19
Tha.ve	1	1	1	1	1	5	5	5	0	1	5	5	5	5	5	1	1	5	5	5	3.15	19
Sal.ar	5	10	10	0	1	5	5	0	0	0	0	0	0	5	1	0	0	5	10	0	2.85	10
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	1	10	15	50	5	0	0	10	20	20	0	20	1	5	20	5	50	20	0	0	12.6	15
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	5	10	10	15	10	15	5	5	0	1	30	5	20	10	10	10	10	5	10	10	9.8	19
Emp.ni	0	0	0	0	0	0	15	0	0	25	0	0	0	0	0	0	0	0	0	0	2	2
Vac.vi	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
moss	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Ped.	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0.25	5
sedge	0	0	1	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	0	1	0.65	13
grass	0	1	1	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	1	0.35	7
Lois.p	0	0	0	0	0	0	1	1	0	1	1	1	1	0	0	1	1	0	1	0	0.45	9
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	1	0.3	6
Anem.n	0	1	1	1	0	0	1	0	1	1	1	0	0	0	0	1	1	0	0	0	0.45	9
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	5	0	0	0	1	5	1	1	0	0	1	0	1	0	1	1	1	0	1	1	1	12
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	10	0	0	0	40	10	1	0	0	0	0	0	5	0	15	0	0	0	0	5	4.3	7
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	2
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT010	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cet.cu	1	1	1	5	0	1	1	1	1	0	1	0	1	0	0	0	0	0	5	1	1	12
Cet.gp	0	0	1	0	0	1	1	5	1	1	1	1	1	1	1	1	1	10	1	1	1.45	16
Cet.ni	1	1	0	0	0	1	0	1	1	1	0	1	1	0	0	0	0	0	1	0	0.45	9
Cl.gp.	0	1	5	10	5	5	35	45	1	15	20	10	1	5	1	0	1	10	10	1	9.05	18
Cl.ste	0	0	0	1	0	0	1	1	1	1	1	20	1	1	0	0	0	1	0	0	1.45	10
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	1	0	0	0	5	0	1	0	0	0	1	1	5	1	0	0	1	1	1	0.9	10
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	5	5	0	0	0	0.85	5
Pse.pu	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	5	0.4	4
Sph.gl	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ste.al	1	5	1	1	1	5	5	1	5	5	5	1	5	5	15	15	1	40	50	5	8.6	20
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	5	0	0	1	0	0	20	0	0	0	0	0	5	0	0	0	0	0	1.55	4
Sal.re	0	0	0	1	0	1	5	0	1	0	5	5	1	5	1	0	0	0	0	0	1.25	9
Dry.oc	10	25	15	0	1	0	0	0	10	30	5	1	0	0	0	0	0	0	0	15	5.6	9
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	1	0	5	0	0	0	0	0	0	5	0	5	5	5	5	0	1.55	7
Emp.ni	15	0	0	0	0	0	0	0	0	0	10	0	20	0	0	60	75	0	5	0	9.25	6
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	1	10	0	1	1	1	0	1	0	0	0	0	1	0	0	0	1	1	0.9	9
Ped.	0	0	0	1	5	1	1	1	0	0	0	0	1	1	1	1	0	1	1	0	0.75	11
sedge	0	0	1	0	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	0.7	14
grass	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0.8	16
Lois.p	1	1	0	1	1	1	1	5	5	1	1	1	1	0	1	0	0	1	1	1	1.2	16
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	1	0	0	0	0	0	1	1	0	1	1	0	0	1	0	0	0	0	0.35	7
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Oxy.ni	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1.6	3
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0.25	1
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT011	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	1	1	1	1	1	1	0	0	0	1	1	0	0	1	1	1	0	0	0	0	0.55	11
Cet.cu	5	1	0	0	0	1	1	1	1	1	1	1	5	1	0	1	0	1	1	0	1.1	14
Cet.gp	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	5	1	1	16
Cet.ni	1	1	1	1	1	1	1	1	1	1	0	5	0	1	1	1	5	1	1	1	1.3	18
Cl.gp.	1	5	0	1	0	0	1	10	40	5	1	1	20	5	0	0	1	5	5	5	5.3	15
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0.1	2
Cla.gr	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gp	1	0	0	0	0	1	1	1	1	0	1	0	1	1	0	0	0	0	0	0	0.4	8
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	1	0	5	10	5	1	1	1	0	1	1	1	1	1	5	1	1	0	1	1	1.9	17
Sph.gl	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ste.al	1	5	1	0	0	0	50	25	10	5	5	0	50	1	0	0	0	10	5	1	8.45	13
Tha.ve	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1.4	20
Sal.ar	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.35	7
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	40	5	1	0	15	10	25	1	5	25	10	10	1	5	1	15	10	10	25	10	11.2	20
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	10	0	0	5	0	10	5	1	10	0	1	5	1	1	0	0	0	1	2.5	11
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.15	3
Ped.	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0.15	3
sedge	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
grass	0	1	1	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0.3	6
Lois.p	0	0	1	0	1	0	0	0	0	1	0	1	1	5	1	1	0	1	1	1	0.75	11
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0.1	2
Anem.n	0	0	1	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0.3	6
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0.2	4
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	5	10	5	25	20	0	0	0	0	1	0	0	0	0	1	15	5	0	0	0	4.35	9
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	1	1	0	0	0	0	1	0	0	0	1	1	0	1	0	0	1	0.35	7
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT012	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	1
Bry.di	5	5	1	1	1	5	1	1	0	5	0	0	1	1	1	5	0	0	0	5	1.9	14
Cet.cu	1	1	0	0	0	0	1	1	1	0	0	1	1	0	1	0	0	0	0	0	0.4	8
Cet.gp	5	0	0	0	0	1	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0.65	9
Cet.ni	5	5	1	1	1	5	1	1	1	10	1	1	1	1	1	1	0	1	1	1	2	19
Cl.gp.	1	0	0	0	0	5	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.35	3
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	5	1	1	0	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0.55	7
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	1	5	0	5	20	1	10	5	5	1	5	1	5	5	5	1	1	5	1	5	4.35	19
Sph.gl	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ste.al	15	10	5	0	0	10	0	0	0	0	1	0	0	0	0	5	0	0	0	0	2.3	6
Tha.ve	10	1	1	1	1	1	1	1	1	5	5	1	1	1	1	5	1	1	1	1	2.05	20
Sal.ar	0	0	10	0	1	1	1	1	0	1	0	0	0	0	0	0	1	5	0	1	1.1	9
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	20	5	10	5	10	5	5	15	25	1	5	10	35	10	1	40	5	5	25	20	12.85	20
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	35	0	25	0	5	10	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3.85	6
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	0	0	0	1	1	1	1	0	1	1	1	0	0	1	0	1	1	0	0.6	12
grass	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.1	2
Lois.p	1	1	0	0	0	0	1	1	0	1	1	1	1	0	1	0	0	0	0	1	0.5	10
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	0	1	0	0	0.25	5
Anem.n	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0.2	4
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	1	1	0	1	0	1	0	0	0	0	1	0	0	1	1	0	0	0	0.35	7
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	10	1	10	15	5	1	10	5	0	0	5	10	0	5	25	20	25	5	1	1	7.7	17
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	1	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0.2	4
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0.1	2
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT013	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	20	15	5	1	5	10	10	10	10	5	10	15	20	1	0	5	5	5	5	7.85	18
Cet.cu	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0.25	5
Cet.gp	0	0	0	5	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0.4	4
Cet.ni	1	10	5	10	5	10	5	5	1	5	5	1	1	5	1	1	1	1	5	1	3.95	20
Cl.gp.	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	1	1	0	1	1	0	0	0	0	1	0	1	1	1	0	0	1	0	1	0.5	10
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	1	1	1	1	0	5	5	1	5	1	1	5	0	1	5	10	15	5	5	1	3.45	18
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tha.ve	1	5	10	5	5	1	5	0	1	5	5	1	5	5	1	1	1	1	5	5	3.4	19
Sal.ar	5	10	10	5	5	5	5	10	1	10	1	1	1	1	15	5	5	5	1	5	5.3	20
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	0	20	5	5	5	1	0	0	10	10	10	25	0	5	1	0	0	25	5	6.6	14
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	20	0	0	0	0	0	15	0	0	5	0	0	0	0	0	2	3
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0.2	4
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	0	0	0	1	0	1	1	1	1	1	1	1	1	0	1	0	0	1	1	0	0.6	12
grass	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lois.p	0	0	0	0	0	0	1	5	5	1	5	0	1	0	1	1	0	1	1	1	1.15	11
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.15	3
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	1	1	5	0	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0.95	15
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	40	30	35	25	40	10	20	25	10	40	1	1	15	35	25	20	20	25	1	10	21.4	20
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1	0	0	0.3	6
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT014	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	1	1	1	0	1	1	1	0	0	1	0	0	1	1	1	1	1	1	0	1	0.7	14
Cet.cu	1	0	1	0	0	0	1	1	1	1	0	0	0	1	0	1	0	0	1	0	0.45	9
Cet.gp	5	1	1	1	1	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0.65	9
Cet.ni	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	0	0	1	1	1	0.8	16
Cl.gp.	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0.15	3
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gp	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.2	4
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	1	1	5	1	5	1	5	1	1	5	1	1	1	1	5	1	1	5	1	1	2.2	20
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	5	0	1	0	1	5	0	1	5	5	0	0	0	0	0	0	0	0	0	0	1.15	7
Tha.ve	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0.9	18
Sal.ar	0	5	0	5	1	1	0	1	1	1	0	15	1	0	1	1	5	1	0	5	2.2	14
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	5	5	10	15	5	1	1	15	5	0	10	1	10	5	1	5	10	5	1	5.75	19
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	5	5	20	0	0	10	0	5	1	0	0	0	0	0	0	0	0	0	0	0	2.3	6
Emp.ni	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.75	1
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.1	2
Ped.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
sedge	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0.85	17
grass	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lois.p	1	1	0	1	1	1	1	1	1	1	0	0	10	1	0	0	1	0	0	0	1.05	12
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0.15	3
Anem.n	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	0.75	15
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	10	10	5	5	15	30	5	0	1	0	0	0	20	0	20	5	5	5	0	6.8	13
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0.2	4
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT015	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	1	0	1	0	0	1	0	0	0	1	1	0	0	0	0	5	1	1	1	1	0.7	10
Cet.cu	1	1	1	1	1	1	0	1	0	0	1	1	1	0	1	1	0	0	1	1	0.7	14
Cet.gp	1	1	1	1	1	1	0	1	1	0	0	0	0	1	0	0	0	0	1	0	0.5	10
Cet.ni	1	0	1	1	0	1	0	0	1	0	0	1	0	1	0	1	1	1	1	1	0.6	12
Cl.gp.	0	0	5	1	0	5	0	1	1	0	0	1	1	0	0	1	0	0	0	1	0.85	9
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	1	0	0	0	1	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0.3	6
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Pse.pu	0	0	1	5	0	1	1	1	1	1	1	5	5	1	1	1	0	1	5	1	1.6	16
Sph.gl	5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.3	2
Ste.al	1	1	1	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0.3	6
Tha.ve	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0.9	18
Sal.ar	0	0	0	0	1	5	0	0	1	15	1	0	1	1	5	1	5	1	5	1	2.15	13
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	1	1	0	5	5	5	1	20	5	5	5	0	20	40	10	10	10	0	5	20	8.4	17
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	10	5	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	1.25	4
Emp.ni	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	1.25	2
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0.25	5
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0.85	17
grass	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0.15	3
Lois.p	0	5	1	0	0	0	1	20	1	1	1	1	1	1	1	1	1	1	1	5	2.15	16
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0.15	3
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
Oxy.ni	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	1	0.3	6
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	1	5	0	0	0	5	20	1	5	0	5	20	5	0	5	0	3.6	10
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT016	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.15	3
Bry.di	0	1	0	1	1	0	5	0	0	0	0	0	0	0	5	1	0	1	0	0	0.75	7
Cet.cu	1	0	1	1	1	0	1	0	1	0	1	0	0	0	0	1	1	1	0	0	0.5	10
Cet.gp	0	0	1	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0.55	11
Cet.ni	1	0	1	1	0	1	1	0	1	1	1	1	5	5	1	1	1	1	0	0	1.15	15
Cl.gp.	1	0	5	0	1	0	0	0	0	0	5	5	5	5	0	5	10	20	0	5	3.35	11
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	1	1	1	0	0	0	0	0	0	1	0	0	1	0	1	1	0	1	0	0	0.4	8
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	5	10	1	1	1	1	1	55	10	30	5	5	5	0	5	5	1	0	40	25	10.3	18
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0.35	7
Tha.ve	1	1	1	1	1	1	1	0	1	1	1	1	5	5	1	1	1	1	0	1	1.3	18
Sal.ar	5	0	0	1	5	0	1	0	0	0	5	0	0	0	10	0	10	1	0	0	1.9	8
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	0	5	10	5	10	5	0	15	0	5	0	0	1	25	1	0	0	0	0	4.35	11
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	1
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	15	30	0	0	2.5	3
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.15	3
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
sedge	1	1	1	0	1	0	0	0	1	0	1	0	1	0	1	1	1	1	0	0	0.55	11
grass	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0.15	3
Lois.p	1	0	1	1	1	1	0	1	1	1	1	0	0	1	1	1	0	1	0	0	0.65	13
Sax.br	0	0	1	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0.35	3
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0.25	5
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.1	2
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	10	5	0	1	5	10	15	1	0	0	15	0	0	15	0	1	0	5	0	0	4.15	11
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	1	0	0	0	0	0	5	0	0	0	0	0	0	0.3	2
Min.ar	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT017	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	1	1	1	1	1	0	1	0	0	1	0	1	1	0	1	1	0	0.55	11
Bry.di	5	1	1	0	1	0	1	1	1	0	1	5	5	0	1	1	0	0	0	1	1.25	13
Cet.cu	1	0	1	0	1	5	0	0	1	0	1	0	1	1	1	1	1	1	1	1	0.9	14
Cet.gp	1	0	1	0	1	1	1	0	1	0	1	1	0	1	1	1	1	0	1	1	0.7	14
Cet.ni	1	1	5	1	5	5	1	5	5	0	1	1	1	1	5	1	1	1	1	5	2.35	19
Cl.gp.	15	5	1	0	5	15	5	0	5	0	5	0	0	5	1	0	0	1	5	5	3.65	13
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0.25	1
Cla.gr	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gp	0	1	1	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	5	0	0.55	7
Dac.ar	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0.1	2
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	1	1	0	5	5	5	5	1	1	1	1	5	1	5	1	5	1	1	1	5	2.55	19
Sph.gl	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Ste.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	5	1	0	5	0	1	1	5	0	5	10	0	1	1	0	1	0	1	1.85	12
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	20	5	1	0	5	0	1	10	5	5	1	1	10	5	1	0	0	0	1	0	3.55	14
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Emp.ni	5	25	0	0	0	0	1	1	0	0	20	0	0	0	0	0	0	0	0	0	2.6	5
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Ped.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
sedge	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0.25	5
grass	0	1	1	0	1	1	0	0	1	1	0	0	1	0	1	1	0	1	1	0	0.55	11
Lois.p	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	0	0	1	0	1	0.7	14
Sax.br	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	1	0	1	1	1	1	1	0	0	0	0	0	0	1	0	1	0	1	0.45	9
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	1	1	0	1	1	0	1	0	0	0	0	1	1	1	1	0	0	0	0.55	11
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	1	15	1	0	0	0	5	5	20	10	5	5	1	15	20	10	1	5	1	6.05	17
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT018	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.1	2
Bry.di	0	1	0	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	10	1	0.85	8
Cet.cu	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.2	4
Cet.gp	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0.9	18
Cet.ni	1	1	1	0	0	0	1	0	1	1	0	1	1	1	1	1	0	0	0	0	0.55	11
Cl.gp.	1	1	0	0	0	0	0	0	1	0	1	1	1	0	1	0	0	0	0	0	0.35	7
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	45	25	20	40	10	45	60	55	65	40	85	40	35	40	40	20	45	40	20	25	39.75	20
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	10	1	1	1	0	0	0	0	1	0	0	1	0	0	1	0	0	10	1	1.35	9
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	1	0	0	0	1	0	0	0	0	5	0	1	0	0	0	0	0	0	5	5	0.9	6
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	1	0.3	6
grass	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0.3	6
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Sax.br	1	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.4	4
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	1	10	5	1	10	1	0	0	0	10	0	0	0	5	0	1	1	5	2.5	11
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0.25	5
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT019	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Bry.di	1	0	1	1	10	5	5	5	5	1	0	1	1	1	0	10	15	5	5	1	3.65	17
Cet.cu	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cet.gp	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0.7	14
Cet.ni	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0.8	16
Cl.gp.	1	1	1	0	0	5	1	1	1	0	1	1	0	1	1	1	1	0	1	0	0.9	14
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	35	20	50	75	50	15	5	5	15	50	30	25	25	40	10	10	1	50	20	50	29.05	20
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	5	0	1	0	0	0	25	1	1	1	1	1	0	0	0	5	1	1	5	2.4	12
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	1	1	5	0	0	0	15	0	1	0	0	0	0	0	0	0	0	0	0	0	1.15	5
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	0	1	0.25	5
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0.7	14
grass	0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	1	0	1	1	0.35	7
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Ast.um	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Oxy.ni	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0.65	13
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	5	0.65	5
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT020	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0.15	3
Bry.di	1	0	1	0	0	0	0	1	1	0	1	1	0	0	1	0	0	0	0	0	0.35	7
Cet.cu	1	1	1	1	1	0	1	1	0	1	0	1	1	1	1	1	0	0	1	1	0.75	15
Cet.gp	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0.2	4
Cet.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cl.gp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dac.ar	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0.15	3
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Ste.al	1	5	5	1	5	1	1	5	1	1	0	0	5	5	5	0	1	1	1	1	2.25	17
Tha.ve	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ar	10	5	1	15	10	0	1	5	10	10	1	30	10	10	1	1	5	5	1	5	6.8	19
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	1	0	1	0	0	0	1	1	1	1	0	0	0	1	1	0	0	1	0.45	9
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	0.9	18
Ped.	0	0	1	0	0	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	0.3	6
sedge	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
grass	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0.2	4
Sil.ac	0	0	1	1	0	1	1	1	0	0	0	1	0	0	1	0	0	1	1	1	0.5	10
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0.95	19
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	5	15	5	10	10	25	15	1	1	5	5	5	0	15	10	5	20	5	15	8.65	19
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	1	1	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	1	0.35	7
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	1	1	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	1	0.35	7
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT021	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Bry.di	0	0	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8	16
Cet.cu	0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	1	1	0	0	1	0.35	7
Cet.gp	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0.85	17
Cet.ni	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	1	0.4	8
Cl.gp.	0	0	1	0	0	0	0	1	1	5	1	0	1	0	1	1	1	1	0	0	0.7	10
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sph.gl	1	0	1	0	0	1	0	0	0	0	1	1	0	1	1	1	0	1	1	1	0.55	11
Ste.al	0	0	1	0	0	0	0	1	1	5	0	0	1	0	0	0	1	0	0	0	0.5	6
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1.2	20
Sal.ar	1	0	1	0	5	5	0	0	0	1	1	1	1	1	10	1	0	10	0	1	1.95	13
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	25	5	5	5	5	1	1	1	1	25	1	10	1	1	1	5	1	5	1	1	5.05	20
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Vac.vi	0	0	0	1	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	1.3	2
moss	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.	0	0	0	1	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0.25	5
sedge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
grass	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0.85	17
Lois.p	0	0	1	0	1	1	0	1	0	1	0	1	1	0	0	1	0	0	0	1	0.45	9
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Ast.um	1	1	1	0	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	0.8	16
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	1	0	5	5	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1.25	17
Arc.al	15	5	5	5	25	20	5	1	15	0	25	15	1	10	10	10	20	25	15	10	11.85	19
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	1	0	0	0	0	1	0	0	0	1	0	1	1	0	1	0	0	0.3	6
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT022	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Bry.di	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.2	4
Cet.cu	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.gp	1	0	1	1	1	1	1	1	0	1	5	0	1	0	1	0	1	0	0	1	0.85	13
Cet.ni	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0.2	4
Cl.gp.	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0	0.6	12
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0.15	3
Cla.gp	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	1	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1	0.55	11
Sph.gl	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ste.al	5	15	1	1	0	1	0	5	1	1	1	1	1	0	1	25	0	0	0	1	3	14
Tha.ve	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	5	1	1	1	1	1.4	20
Sal.ar	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Dry.oc	35	1	15	15	25	20	10	25	15	25	25	5	5	1	15	1	10	0	5	1	12.7	19
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	1	1	0	1	0	0	0	0	0	1	5	5	0	0	1	0	0	1	0.8	8
Emp.ni	20	60	0	0	0	0	5	5	50	10	1	1	25	5	5	1	0	0	0	1	9.45	13
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	0	0	0	0	0	1	0	1	1	1	0	0	1	1	0	0	1	0	0.35	7
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	0.85	17
grass	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0.9	18
Lois.p	1	0	5	1	1	20	5	5	1	10	1	1	5	5	5	1	1	1	5	5	3.95	19
Sax.br	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.1	2
Anem.n	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	0.75	15
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	5	1	1	0	0	0	1	0	0	0	1	0	0	1	1	0	1	0.6	8
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0.2	4
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT023	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Cet.gp	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	1	0	1	1	1	0.8	16
Cet.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Cl.gp.	0	0	0	1	1	1	0	1	1	0	1	1	0	0	0	1	0	1	1	0	0.5	10
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0.1	2
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	1	15	1	1	1	1	15	1	1	1	5	1	1	0	5	1	1	10	10	1	3.65	19
Tha.ve	0	0	0	0	0	1	0	1	1	1	1	1	0	1	1	0	0	1	0	1	0.5	10
Sal.ar	1	1	0	1	0	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	0.8	16
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	5	5	0	5	1.15	11
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	75	45	45	10	50	50	10	0	10	0	1	60	15	0	30	25	1	0	0	35	23.1	15
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	0	1	0	1	0.35	7
Ped.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
sedge	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
grass	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0.9	18
Lois.p	0	0	1	0	0	1	5	1	0	1	5	1	0	1	0	1	0	1	0	5	1.15	11
Sax.br	1	0	1	0	0	0	0	0	1	1	1	1	0	0	1	0	1	1	1	1	0.55	11
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	0	0	1	0	1	0	0	1	1	1	1	1	0	1	1	0	0	1	1	0.6	12
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0.25	5
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0.15	3
Lyco.	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.15	3
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT024	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	1	1	0	1	5	1	1	1	1	1	1	1	5	1	1	1	1	1	1.3	18
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	1	1	1	1	0	1	0	1	0	1	0	0	1	1	1	0	0	0	0	0.55	11
Cet.gp	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	0	0	0.75	15
Cet.ni	5	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1.35	19
Cl.gp.	5	1	1	1	5	1	1	1	0	0	1	1	1	1	5	0	0	0	5	0	1.5	14
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gp	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0.2	4
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	1	0	1	0	1	0	0	1	0	1	0	0	0	0	1	0	0	0	5	0.55	7
Sph.gl	1	0	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0.3	6
Ste.al	0	1	5	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0.55	7
Tha.ve	1	1	1	1	1	1	1	1	5	1	5	1	1	1	1	1	1	1	0	0	1.3	18
Sal.ar	1	0	0	10	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	0	0.75	6
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	1	0	0	1	5	10	1	1	5	0	0	5	5	1	1	1	5	5	5	2.6	15
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1
Vac.ca	5	1	1	1	1	1	0	1	0	1	0	1	0	1	10	1	1	1	0	1	1.4	15
Emp.ni	5	35	10	0	0	5	0	5	0	15	20	25	15	5	10	20	15	20	15	15	11.75	16
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0.15	3
Ped.	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0.15	3
sedge	1	0	1	0	1	0	1	0	0	0	1	0	0	1	0	0	1	1	0	0	0.4	8
grass	1	0	1	0	1	1	1	0	0	0	1	0	1	1	1	0	0	1	0	0	0.5	10
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0.2	4
Anem.n	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0.2	4
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0.2	4
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	5	5	1	1	0	0	0	10	1	1	1	0	1	0	1	1	0	1	1	1.5	13
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT025	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0.25	5
Bry.di	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	2
Cet.cu	0	0	0	0	0	0	1	1	0	0	1	1	1	0	1	0	0	0	0	0	0.3	6
Cet.gp	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0.8	16
Cet.ni	1	0	1	1	1	1	0	0	1	1	0	0	0	1	1	1	1	0	0	1	0.6	12
Cl.gp.	0	0	1	0	0	0	0	1	1	0	1	1	5	0	1	0	1	1	0	1	0.7	10
Cl.ste	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0.1	2
Cla.gr	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0.1	2
Cla.gp	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.15	3
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0.1	2
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0.25	5
Sph.gl	1	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0.3	6
Ste.al	1	0	5	0	0	1	0	0	1	1	1	0	1	0	5	0	0	0	0	0	0.8	8
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0.9	18
Sal.ar	5	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0.5	6
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	1	15	1	5	5	15	5	5	1	15	1	30	0	0	35	5	5	1	5	7.75	18
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	10	1	5	5	1	1	1	1	0	1	1	0	1	1	1	1	1	1	0	1	1.7	17
Emp.ni	0	0	0	0	0	0	0	0	5	10	0	0	0	1	55	0	0	0	0	0	3.55	4
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0.25	5
Ped.	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0.2	4
sedge	1	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0.25	5
grass	1	1	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0.25	5
Lois.p	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sax.br	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Anem.n	1	1	0	1	0	1	1	1	1	1	1	1	0	1	0	0	1	0	0	0	0.6	12
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	1	0	1	1	0	1	0	0	0	0	0	1	0	0	0	0	1	1	0.4	8
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	1	0	0	5	0	1	1	1	0	0	5	1	0	0	1	1	1	1	5	1.25	7
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0.3	6
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT026	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	5	0	0	1	0	0	0	0	1	1	1	1	0	1	0	1	1	0	1	1	0.75	12
Cet.gp	1	1	0	1	0	1	1	1	1	0	1	1	1	1	0	1	1	0	1	1	0.75	15
Cet.ni	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	0	0.7	14
Cl.gp.	5	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	16
Cl.ste	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.15	3
Cla.gr	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1
Cla.gp	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0.2	4
Pse.pu	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Sph.gl	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0.1	2
Ste.al	25	20	0	10	10	1	5	1	1	1	1	1	5	10	1	10	5	1	0	10	5.9	19
Tha.ve	1	0	0	0	0	1	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0.3	6
Sal.ar	1	0	0	1	1	20	1	5	0	0	1	0	0	5	0	5	0	0	0	0	2	9
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
Dry.oc	1	5	5	5	0	0	1	0	70	0	40	50	20	15	5	10	5	0	0	0	11.6	14
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	5	10	5	1	5	5	5	0	1	0	1	1	1	1	0	5	0	0	5	1	2.6	15
Emp.ni	0	1	0	10	0	0	0	5	0	0	0	5	20	20	5	5	10	10	20	5	5.8	12
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0.15	3
moss	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Ped.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.15	3
sedge	1	1	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0.7	14
grass	1	1	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	1	1	1	0.5	10
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0.5	1
Sax.br	0	0	1	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0.2	4
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	2
Anem.n	1	0	1	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	0.35	7
Ast.um	0	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	1	0.3	6
Oxy.ni	1	0	1	0	5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0.45	5
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0.15	3
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	0	0	1	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0.3	6
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT027	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	1	1	1	0	1	0	1	1	1	1	1	1	1	0	0	1	0	0	0.6	12
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	1	1	0	1	1	5	1	1	0	0	0	0	1	0	1	0	0	0	0.65	9
Cet.gp	0	0	1	0	0	1	1	1	0	1	1	1	1	1	1	0	1	0	0	0	0.55	11
Cet.ni	1	1	1	1	1	5	5	5	1	1	1	5	1	5	0	1	5	1	1	1	2.15	19
Cl.gp.	0	0	0	0	0	1	15	1	1	1	1	1	1	5	5	0	1	0	0	0	1.65	11
Cl.ste	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0.15	3
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Pse.pu	1	5	1	1	1	0	0	0	0	1	1	0	0	0	1	1	1	1	10	1	1.3	13
Sph.gl	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	1	0	1	0	0	0.4	8
Ste.al	1	0	0	0	0	1	1	1	0	1	0	0	0	5	1	0	5	0	0	0	0.8	8
Tha.ve	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0.85	18
Sal.ar	0	1	0	0	5	5	1	5	1	1	1	0	0	1	0	1	1	0	0	0	1.15	11
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	1	0	25	0	10	0	1	20	30	1	25	5	1	0	10	10	15	5	1	8	15
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	10	5	0	0	0	0	0	0	0	10	0	1	5	1	1	0	0	0	10	2.15	8
Emp.ni	0	0	0	0	0	0	5	10	5	0	0	1	0	0	0	0	5	5	5	0	1.8	7
Vac.vi	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
moss	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0.15	3
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
sedge	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0.8	16
grass	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0.35	7
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	1	0	1	0	0	0	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0.3	6
Anem.n	1	0	0	1	1	0	1	1	0	0	1	1	0	0	0	0	1	0	0	0	0.4	8
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	1	1	0	0.35	7
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	5	5	1	5	0	0	0	5	5	5	1	10	1	1	5	0	0	10	15	3.7	14
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	0	0	1	0	0	1	0	1	1	1	1	1	1	0	1	1	0	0	0.55	11
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT028	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0.2	4
Cet.gp	1	1	0	1	1	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	0.7	14
Cet.ni	0	0	1	1	0	1	0	0	0	1	0	1	1	0	1	0	1	0	1	0	0.45	9
Cl.gp.	1	0	1	5	0	0	0	1	5	10	5	0	5	1	1	1	1	0	1	1	1.95	14
Cl.ste	5	5	5	1	5	10	5	15	10	5	10	30	15	15	1	10	1	1	5	10	8.2	20
Cla.gr	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0.15	3
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0.2	4
Lob.gp	1	0	0	0	0	0	0	1	1	1	0	0	0	0	5	0	1	1	1	1	0.65	8
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	1	1	5	0	5	1	5	0	5	0	1	1	1	1	1	1	0	0	5	1	1.75	15
Tha.ve	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	1	0.3	2
Sal.re	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dry.oc	1	5	5	0	1	0	0	1	1	5	5	1	1	0	0	10	5	10	1	0	2.6	14
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0.15	3
Emp.ni	20	55	20	10	10	15	80	25	20	10	5	10	20	5	70	10	5	0	30	35	22.75	19
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
moss	15	5	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1.2	6
Ped.	0	0	1	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0.2	4
sedge	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0.9	18
grass	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0.75	15
Lois.p	0	0	0	0	0	0	0	5	0	0	0	0	0	1	0	0	0	1	0	0	0.35	3
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	0	1	0	0	1	0	0	1	1	0	0	1	0	0	0	0	1	1	0.4	8
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0.25	5
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.1	2
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT029	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	0	5	1	1	1	1	1	5	10	0	0	0	10	5	0	0	1	5	2.4	14
Bry.di	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1
Cet.cu	0	1	5	0	0	0	0	5	1	0	1	0	1	1	1	0	1	1	1	0	0.95	11
Cet.gr	1	0	1	1	0	1	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0.45	9
Cet.ni	1	1	0	1	1	5	1	1	1	1	5	1	1	1	5	1	1	1	1	1	1.55	19
Cl.gp.	1	1	0	5	0	5	0	10	10	1	0	10	5	0	1	0	0	1	5	0	2.75	12
Cl.ste	0	0	0	10	0	0	0	5	0	0	0	1	1	0	0	0	0	0	1	0	0.9	5
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0.15	3
Lob.gp	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	5	0	0.4	4
Pse.pu	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	5	0	0	0	0	0.35	3
Sph.gl	1	0	0	1	1	1	1	0	0	5	0	0	0	0	1	1	1	0	0	5	0.9	10
Ste.al	0	1	0	0	0	0	0	5	10	0	0	5	5	0	1	0	0	25	10	0	3.1	8
Tha.ve	1	1	5	0	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1	16
Sal.ar	0	0	0	0	0	1	0	5	0	1	1	1	0	1	5	0	5	0	0	0	1	8
Sal.re	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	1	5	1	0	0.65	5
Dry.oc	10	5	25	10	1	15	5	0	5	5	5	0	1	15	0	20	30	0	1	5	7.9	16
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	10	0	0.6	3
Vac.ca	5	0	0	1	0	0	0	5	0	20	20	0	5	0	5	0	1	5	0	0	3.35	9
Emp.ni	0	0	0	5	0	10	0	1	0	1	0	20	25	0	5	0	0	20	5	1	4.65	10
Vac.vi	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0.15	3
moss	0	0	0	0	0	0	0	0	5	0	1	1	5	0	0	0	0	5	15	0	1.6	6
Ped.	0	0	0	0	1	0	0	0	1	0	0	1	1	0	0	0	0	1	0	0	0.25	5
sedge	1	1	1	1	0	0	1	0	1	0	1	1	5	0	1	0	1	1	1	1	0.9	14
grass	1	1	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	0.45	9
Lois.p	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sax.br	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.1	2
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	2
Anem.n	0	1	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0.2	4
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Oxy.ni	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1	0	0	1	0	0.35	7
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	1	15	0	5	5	20	0	1	15	40	1	0	20	5	5	5	0	0	50	9.4	14
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Ped.la	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0.15	3
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT031	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	5	0	1	1	1	1	0	0	0	0	0	0	1	0.5	6
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	0	1	1	0	0	0	0	1	0	1	1	0	1	0	1	1	1	1	0	0.55	11
Cet.gp	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1	16
Cet.ni	1	1	0	0	1	0	0	1	1	1	5	0	1	0	1	1	0	1	1	1	0.85	13
Cl.gp.	5	1	1	1	5	1	1	5	1	1	0	1	0	1	0	0	0	0	0	0	1.2	12
Cl.ste	0	1	15	1	1	0	0	0	0	0	0	10	5	10	10	0	0	0	0	0	2.65	8
Cla.gr	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lob.gp	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0.2	4
Pse.pu	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1	1	0.25	5
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Ste.al	10	5	15	10	10	1	0	1	5	0	0	5	5	1	0	0	0	1	0	0	3.45	12
Tha.ve	1	1	1	1	1	1	1	5	1	1	0	1	1	1	1	0	1	1	1	5	1.3	18
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0.5	2
Sal.re	1	0	1	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0.35	3
Dry.oc	1	1	0	1	15	1	5	0	10	0	20	1	5	35	15	50	5	15	10	20	10.5	17
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	5	0	5	1	1	0	5	0	0	0	5	0	1	0	0	5	1	0	0	1.5	10
Emp.ni	40	0	15	40	15	15	0	0	1	15	0	35	20	15	20	0	0	10	0	0	12.05	12
Vac.vi	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0.15	3
moss	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.15	3
sedge	1	1	1	1	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0.5	10
grass	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0.55	11
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0.15	3
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	1	0	1	0	0.35	7
Anem.n	0	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	1	0	1	0	0.7	14
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	1	1	0.35	7
Oxy.ca	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dia.la	0	1	0	1	0	1	0	1	1	1	5	0	0	0	1	0	10	0	0	5	1.35	10
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0	1	1	0	0	1	0.35	7
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0.15	3
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT032	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	5	1	1	1	1	5	1	1	1	1	1	1	1	0	0	0	1	1	1.15	15
Bry.di	1	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	1	0	0	1	0.35	7
Cet.cu	1	0	0	0	5	0	5	1	0	0	0	0	1	0	0	0	0	1	0	0	0.7	6
Cet.gp	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0.75	15
Cet.ni	1	1	10	1	1	1	1	5	1	5	5	1	1	1	1	1	1	1	1	1	2.05	20
Cl.gp.	1	0	0	1	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	1	0.35	7
Cl.ste	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.75	1
Cla.gr	0	0	5	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0.45	5
Cla.gp	0	1	0	0	0	0	1	1	1	1	1	0	0	1	1	0	0	0	1	0	0.45	9
Dac.ar	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lob.gp	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0.1	2
Pse.pu	5	5	1	1	0	5	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1.5	18
Sph.gl	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0.9	18
Ste.al	0	0	0	0	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	2
Tha.ve	1	1	1	1	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1	1	1.15	19
Sal.ar	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5	0	0	1	1	0.4	4
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	1	15	10	15	1	5	15	0	5	0	5	5	10	5	20	10	1	1	1	5	6.5	18
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	10	1	15	1	10	0	10	0	10	35	5	10	0	5	5	0	1	5	0	0	6.15	14
Emp.ni	1	0	10	0	20	0	1	0	0	0	20	1	0	0	0	1	0	0	0	1	2.75	8
Vac.vi	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
moss	0	1	0	0	0	5	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0.6	4
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	0	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0	1	1	0.75	15
grass	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0.2	4
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0.1	2
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0.35	7
Anem.n	1	0	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0.8	16
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	1	1	0	1	1	1	1	1	0	5	1	1	0	1	1	0	1	0	0.95	15
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	5	5	1	5	1	10	20	10	15	10	10	5	20	35	20	30	35	20	25	15	14.85	20
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0.8	16
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	5	0	0	0.35	3
Gen.gl	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0.2	4
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT033	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	1	0	1	1	1	1	1	1	0	1	1	0	1	1	1	0	1	0	0.75	15
Bry.di	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	2
Cet.cu	1	0	1	0	1	1	1	0	0	1	10	10	1	0	0	1	5	1	1	1	1.8	14
Cet.gp	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0	1	0	1	1	0	0.55	10
Cet.ni	1	1	1	0	1	1	0	1	1	5	5	1	1	0	1	1	5	1	1	1	1.45	17
Cl.gp.	1	0	0	1	1	1	0	1	0	0	1	1	1	1	0	0	10	1	1	0	1.05	12
Cl.ste	0	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	0	0	0	1.5	2
Cla.gr	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0.2	4
Cla.gp	0	0	1	0	1	1	1	1	1	1	0	1	1	1	1	1	5	0	1	0	0.9	14
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Pse.pu	1	5	0	0	1	1	0	1	1	1	0	1	1	1	1	1	0	1	1	1	0.95	15
Sph.gl	1	1	1	0	1	0	1	1	1	1	1	1	5	5	1	1	0	0	0	0	1.1	14
Ste.al	0	0	0	0	0	1	0	5	1	0	0	0	0	0	1	0	0	0	1	0	0.45	5
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	1	1	1	0	5	1	5	1	0	0	0	0	0	0	1	10	0	1	0	0	1.35	10
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	5	15	0	1	5	25	5	0	15	1	1	10	10	5	1	0	10	1	5	5.75	16
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	5	5	0	1	1	1	1	0	1	1	1	5	5	1	5	1	1.7	14
Emp.ni	10	1	0	0	5	15	0	15	5	15	20	1	0	1	0	5	10	0	0	0	5.15	12
Vac.vi	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	2
moss	0	0	0	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0.3	6
Ped.	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0.1	2
sedge	0	0	0	1	1	1	0	1	0	1	1	1	1	0	1	0	1	0	1	0	0.55	11
grass	1	0	0	0	1	1	1	1	0	1	0	0	1	1	1	1	0	0	1	1	0.6	12
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	5	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0.45	5
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	0	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0.3	6
Anem.n	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	0.85	17
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	5	1	0	5	0	0	1	1	0	1	0	0	1	1	1	1	1	0.95	11
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	20	10	1	20	10	10	0	10	5	5	0	15	1	5	10	1	5	15	10	10	8.15	18
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	1	1	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0.3	6
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0.1	2
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT034	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	5	0	0	0	1	0	1	0	0	0	0	0	1	0	0.4	4
Bry.di	0	0	0	0	1	1	0	0	1	1	5	5	0	1	1	0	0	0	0	0	0.8	8
Cet.cu	1	1	1	1	1	1	0	1	1	1	0	0	1	1	0	1	1	5	0	0	0.9	14
Cet.gp	1	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0.2	4
Cet.ni	0	0	0	0	1	0	1	0	5	0	1	1	1	1	1	0	0	0	1	1	0.7	10
Cl.gp.	5	5	1	5	1	1	0	5	5	1	0	0	1	1	1	1	0	1	0	0	1.7	14
Cl.ste	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gr	5	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0.55	7
Cla.gp	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0.15	3
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	1	0	0	0	5	0	0	0	0	0	0	0	5	0	0.55	3
Sph.gl	0	0	0	0	1	1	1	0	1	0	0	1	1	0	1	0	0	0	1	0	0.4	8
Ste.al	15	15	10	10	10	0	0	5	25	15	0	0	10	0	1	0	5	0	0	0	6.05	11
Tha.ve	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1.1	18
Sal.ar	0	0	10	5	5	0	1	0	0	10	1	0	0	0	5	0	0	0	0	1	1.9	8
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	10	0	5	0	0	1	1	1	0	0	5	15	5	1	25	0	1	10	0	5	4.25	13
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	25	0	20	10	40	35	0	40	5	0	0	0	15	0	0	0	0	0	0	0	9.5	8
Vac.ca	0	0	0	0	0	0	0	0	10	5	1	5	5	0	0	0	0	0	5	0	1.55	6
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	5	5	5	10	1	5	10	5	1	1	0	1	10	5	5	1	35	1	0	0	5.3	17
moss	1	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.25	5
Ped.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
sedge	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0.2	4
grass	1	1	1	1	0	0	0	0	1	0	1	1	0	0	1	0	1	1	0	0	0.5	1
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.15	3
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	1	1	0	1	0	1	5	1	1	1	0	5	0	0	0	1	0	0.9	10
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT035	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	5	1	1	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0.55	7
Bry.di	1	10	1	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0.85	8
Cet.cu	1	0	0	0	1	0	1	0	0	0	1	1	0	1	1	1	1	1	1	0	0.55	11
Cet.gp	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0.3	6
Cet.ni	1	1	0	1	5	1	1	1	1	1	0	1	1	5	0	0	0	0	0	0	1	12
Cl.gp.	1	0	0	0	1	1	1	1	0	1	1	1	1	10	5	0	5	10	15	10	3.2	15
Cl.ste	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	5	0	10	0.85	4
Cla.gr	1	0	0	0	1	0	0	0	0	1	0	0	1	1	1	0	0	5	0	0	0.55	7
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.1	2
Pse.pu	0	1	15	1	0	0	1	10	15	0	0	0	0	0	0	0	0	0	0	0	2.15	6
Sph.gl	1	1	1	1	0	1	1	0	5	0	0	0	1	0	1	0	0	0	0	0	0.65	9
Ste.al	5	0	0	0	1	0	0	0	0	1	25	5	5	25	10	0	15	5	0	5	5.1	11
Tha.ve	1	1	1	5	1	5	1	1	1	1	1	0	1	1	1	0	0	0	0	0	1.1	14
Sal.ar	10	0	0	5	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.25	3
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	10	10	15	1	5	1	15	25	15	10	5	1	15	30	0	0	0	0	0	0	7.9	14
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	10	0	0	0	30	0	0	0	0	0	0	35	30	0	0	95	40	50	80	30	20	9
Vac.ca	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Emp.ni	0	0	0	0	35	0	0	0	0	55	0	0	0	1	0	0	1	0	0	0	4.6	4
Vac.vi	1	1	0	0	1	1	5	5	1	0	10	5	15	1	1	0	1	1	0	1	2.5	15
moss	0	1	1	1	1	0	0	0	1	0	0	0	1	0	0	1	0	0	1	1	0.45	9
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.15	3
grass	5	1	1	1	1	1	1	1	1	1	5	5	1	1	5	1	1	0	1	1	1.75	19
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	1	1	1	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0.35	7
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	5	1	0	1	1	1	1	0	1	0	0	0	0	1	0	1	0	0	0	0	0.65	9
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.1	2
Ped.la	0	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.25	5
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT036	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	5	5	5	1	5	5	5	1	1	5	0	0	0	1	1	0	0	5	1	2.35	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	1	1	1	0	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1.1	18
Cet.gp	1	1	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0.8	16
Cet.ni	5	5	5	5	1	5	10	0	5	5	5	5	1	0	1	0	1	0	1	5	3.25	16
Cl.gp.	0	1	1	1	1	1	5	10	5	0	1	5	1	1	5	0	5	15	30	1	4.45	17
Cl.ste	0	0	0	0	0	1	1	0	1	0	0	1	0	5	0	0	1	5	10	1	1.3	9
Cla.gr	0	0	0	0	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	1	0.25	5
Cla.gp	1	1	0	1	1	1	0	1	0	0	0	0	0	0	1	0	1	0	1	1	0.5	10
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	1	1	1	0	1	1	1	0	0	5	1	1	1	0	0	1	0	0	0	1	0.8	12
Sph.gl	1	1	1	1	1	1	20	0	1	1	1	1	1	0	1	0	1	0	1	1	1.75	16
Ste.al	0	1	5	1	0	1	0	1	1	0	0	1	1	5	5	0	10	10	5	1	2.4	14
Tha.ve	1	1	5	1	1	1	1	1	1	1	5	5	1	1	1	1	1	1	1	1	1.6	20
Sal.ar	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0.2	4
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0.5	1
Dry.oc	0	5	1	5	5	5	0	0	5	1	0	1	0	0	0	0	0	0	0	1	1.45	9
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	10	20	15	15	10	5	5	5	5	0	0	1	1	10	5	1	0	10	5	0	6.15	16
Emp.ni	0	0	0	1	1	0	1	25	10	0	5	5	15	25	10	5	0	20	5	20	7.4	14
Vac.vi	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0.15	3
moss	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	1	0.35	3
Ped.	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	0	0	0	0	0.2	4
sedge	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	0.8	16
grass	0	0	0	0	1	1	0	1	0	1	1	1	5	1	1	0	0	1	1	1	0.8	12
Lois.p	5	0	1	0	0	0	0	0	0	1	0	0	0	0	5	1	0	0	0	0	0.65	5
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	1	1	0	0	0	0	1	0	0	1	0	0	0	0	1	0.25	5
Anem.n	0	0	1	0	0	0	1	0	0	1	1	1	0	0	1	0	0	1	1	1	0.45	9
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	1	1	1	1	1	0	1	1	0	1	0	0	1	1	0	0	0	1	0.55	11
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	5	1	5	5	5	1	5	0	1	20	0	5	1	0	1	10	0	0	0	5	3.5	14
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.la	0	0	1	0	0	1	0	0	1	1	0	0	0	1	0	1	0	0	0	0	0.3	6
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0.1	2
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT037	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	5	1	0	0	0	0	1	5	1	1	1	0	1	1	1	1	0	1	1	1.05	13
Bry.di	1	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5	0.55	3
Cet.cu	1	1	0	1	1	0	0	0	5	1	5	1	0	0	0	0	1	1	1	1	1	12
Cet.gp	1	1	1	1	1	1	1	0	1	0	0	1	1	0	1	1	0	0	0	1	0.65	13
Cet.ni	1	5	1	0	1	1	1	1	1	5	1	5	5	0	1	5	5	1	1	0	2.05	17
Cl.gp.	0	1	1	5	5	5	1	5	5	0	1	5	1	0	0	0	1	0	0	0	1.8	12
Cl.ste	0	1	0	1	1	0	0	10	5	0	1	1	0	0	0	0	0	0	0	0	1	7
Cla.gr	1	0	1	1	1	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0.45	9
Cla.gp	0	0	1	0	1	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0.3	6
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Pse.pu	1	1	0	0	0	0	0	1	0	5	0	0	1	5	0	1	1	5	5	1	1.35	11
Sph.gl	1	0	0	0	0	0	1	1	0	1	1	0	1	0	0	1	1	0	1	1	0.5	10
Ste.al	1	5	1	15	10	5	20	1	1	0	0	10	0	1	10	10	0	0	0	0	4.5	13
Tha.ve	1	1	1	5	1	1	1	1	1	5	1	1	1	0	1	1	1	1	1	1	1.35	19
Sal.ar	1	0	0	1	0	0	0	1	0	0	1	1	5	0	1	5	1	0	1	1	0.95	11
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	10	0	1	0	1	0	25	1	0	0	0	1	10	0	0	1	0	2.5	8
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	5	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55	3
Vac.ca	5	10	5	0	5	1	5	1	10	0	5	25	15	5	5	5	5	1	5	10	6.15	18
Emp.ni	15	20	1	10	20	30	0	0	25	0	0	15	5	0	5	1	1	1	0	1	7.5	14
Vac.vi	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0.25	5
moss	0	1	1	0	1	1	1	1	0	1	5	1	0	0	0	1	0	0	0	0	0.7	10
Ped.	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0.3	6
sedge	1	1	1	0	1	1	0	1	1	1	1	0	1	0	1	1	0	1	1	0	0.7	14
grass	0	0	0	1	0	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0.4	8
Lois.p	0	0	0	0	0	0	0	5	0	0	0	0	1	0	5	0	5	0	0	0	0.8	4
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.15	3
Anem.n	0	0	1	1	0	1	5	1	1	1	1	1	1	0	1	0	0	0	0	0	0.75	11
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	0.35	7
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	5	1	5	1	1	0	1	1	0	10	20	0	5	0	1	1	1	0	25	25	5.15	15
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Ped.la	0	0	0	1	0	0	1	0	0	0	1	0	1	0	1	1	0	0	0	0	0.3	6
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	1	0	0	0	0	0	1	1	0	5	1	0	0	0	0	0	0	0	0	0.45	5
Min.ar	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT038	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.gp	1	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0.75	15
Cet.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cl.gp.	20	5	5	5	20	0	5	1	15	30	10	5	10	5	10	40	10	15	10	15	11.8	19
Cl.ste	15	1	1	5	0	0	0	0	0	1	1	1	1	1	1	10	10	0	0	0	2.4	12
Cla.gr	5	0	0	0	1	1	1	0	0	1	1	0	1	1	0	1	1	0	1	1	0.8	12
Cla.gp	5	0	0	0	1	5	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0.7	6
Dac.ar	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0.1	2
Lob.gp	0	0	0	5	1	10	1	5	10	5	5	1	5	5	5	0	5	10	5	5	4.15	16
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tha.ve	1	0	0	0	1	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0.35	7
Sal.ar	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Sal.re	0	1	0	0	0	1	0	0	1	0	0	0	5	5	0	1	0	0	0	0	0.7	6
Dry.oc	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	15	30	1	0	15	0	0	0	30	10	0	25	5	0	15	1	0	1	5	15	8.4	13
Vac.ca	1	0	1	1	10	10	5	30	0	15	10	25	5	20	15	5	10	10	25	20	10.9	18
Emp.ni	10	25	55	50	10	15	25	30	5	5	30	25	40	30	35	1	25	35	30	35	25.8	20
Vac.vi	1	1	0	0	0	0	0	5	0	0	1	1	1	1	1	0	0	0	1	1	0.7	10
moss	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	5	0.35	3
Ped.	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
sedge	1	0	5	5	1	0	1	0	0	5	1	1	5	1	5	1	0	1	1	1	1.75	15
grass	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0.2	4
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	10	15	0	0	0	0	1	5	0	1	1	0	0	0	0	0	0	0	0	1.65	6
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT039	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	1	0	0	1	0	0	1	0	0	1	0	1	1	1	1	0	1	0.45	9
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	1	0	0	0	1	1	0	0	0	1	1	1	1	5	0	0	0	1	0.65	9
Cet.gp	1	0	1	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0.4	8
Cet.ni	0	0	0	1	0	0	1	0	0	1	0	0	1	0	1	1	1	1	0	1	0.45	9
Cl.gp.	20	1	5	10	0	1	20	5	0	0	1	15	10	5	10	0	1	5	10	0	5.95	15
Cl.ste	1	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	5	0	0.5	6
Cla.gr	1	0	1	0	0	1	0	0	1	0	0	5	5	0	1	0	0	0	1	0	0.8	8
Cla.gp	5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0.35	3
Dac.ar	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0.15	3
Lob.gp	1	0	1	0	1	5	0	0	1	0	0	5	1	1	1	0	0	1	0	0	0.9	9
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0.15	3
Ste.al	15	1	0	1	20	1	5	0	5	0	1	5	10	1	1	0	5	35	5	1	5.6	16
Tha.ve	0	1	1	0	1	1	0	1	1	5	0	0	0	0	1	1	0	1	0	1	0.75	11
Sal.ar	0	0	0	5	1	0	0	0	0	1	5	0	0	0	0	1	1	5	0	1	1	8
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	25	50	20	25	0	35	20	5	25	1	10	15	20	35	35	1	25	5	25	15	19.6	19
Vac.ca	10	0	0	5	0	0	5	1	20	0	25	1	0	5	10	5	5	1	0	0	4.65	12
Emp.ni	15	35	40	0	20	20	0	70	35	0	30	25	5	15	5	5	0	0	1	25	17.3	15
Vac.vi	0	1	0	0	0	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0.35	7
moss	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	0.3	6
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	0	0	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	1	0	0.4	8
grass	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0.15	3
Lois.p	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	1	5	5	0	5	0.95	7
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Oxy.ca	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0.1	2
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Ped.la	0	1	1	1	0	1	0	0	1	1	1	0	0	0	1	5	1	1	0	1	0.8	12
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	10	0	1	0	5	0	0	0	0	1	0	1	0	5	0	0	0	1.15	6
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT040	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	4
Cet.gp	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	1	0	0	1	0.5	10
Cet.ni	0	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.2	4
Cl.gp.	5	1	1	0	1	1	5	1	1	1	10	10	0	1	1	0	0	10	10	1	3	16
Cl.ste	0	0	0	0	1	0	0	1	0	0	5	0	0	0	0	0	0	0	0	0	0.35	3
Cla.gr	1	0	1	0	1	1	5	0	0	1	0	1	0	5	0	0	0	1	0	0	0.85	9
Cla.gp	0	0	1	1	0	1	0	0	0	0	0	5	0	0	0	0	0	0	1	0	0.45	5
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	1	0	0	1	1	5	1	1	5	1	0	0	25	5	1	10	5	1	0	3.15	14
Pse.pu	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sph.gl	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Ste.al	55	20	5	1	5	1	10	15	5	1	10	0	0	5	10	0	15	20	15	10	10.15	17
Tha.ve	0	0	1	5	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0.55	7
Sal.ar	0	1	1	0	0	0	5	0	1	5	0	0	0	0	0	0	0	0	0	1	0.7	6
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0.1	2
Dry.oc	0	0	15	1	20	5	1	1	0	1	0	0	0	0	0	0	0	0	0	1	2.25	8
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	1	15	5	10	1	0	5	20	0	0	2.85	7
Vac.ca	10	1	1	10	1	20	35	40	15	10	10	25	30	35	50	35	25	20	15	5	19.65	20
Emp.ni	10	50	20	5	25	5	5	1	20	0	40	50	45	50	30	60	60	30	65	20	29.55	19
Vac.vi	0	0	1	1	1	1	1	0	1	1	1	0	1	5	1	5	0	0	0	0	1	12
moss	1	1	0	0	1	1	1	1	0	1	0	0	0	0	1	1	1	0	1	1	0.6	13
Ped.	1	1	1	0	1	1	1	1	0	1	0	0	0	0	1	1	1	0	1	1	0.65	13
sedge	1	1	1	1	1	1	1	1	0	1	1	1	5	5	10	1	1	1	0	1	1.75	18
grass	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0.2	4
Lois.p	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5	0.35	3
Sax.br	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	5
Anem.n	0	0	0	0	0	1	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0.2	4
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	1	5	1	0	10	1	1	1	5	0	0	0	0	0	0	0	0	0	0	1.25	8
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0.1	2
Ped.la	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	0.25	5
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Skilak-Tustumena Area continued)

PLT041	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	1	0	0	1	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0.55	11
Bry.di	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.cu	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0.2	4
Cet.gp	1	1	1	0	0	0	0	1	5	1	1	0	0	0	1	0	0	1	0	0	0.65	9
Cet.ni	5	5	0	0	0	1	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0.95	11
Cl.gp.	0	5	15	0	0	0	0	1	5	0	1	0	0	0	0	0	0	0	0	1	1.4	6
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0.15	3
Pse.pu	1	0	0	1	1	15	1	1	0	1	5	10	10	10	5	5	10	5	10	5	4.8	17
Sph.gl	1	1	0	0	0	1	0	0	0	1	1	1	0	0	1	1	0	1	0	0	0.45	9
Ste.al	0	1	35	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	3.3	3
Tha.ve	1	1	0	1	1	1	0	1	1	1	5	1	1	1	1	1	1	1	1	1	1.1	18
Sal.ar	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	1	0	10	0	0.75	6
Sal.re	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dry.oc	10	0	0	1	0	10	5	5	0	5	5	1	1	5	1	25	0	15	1	0	4.5	14
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	5	10	5	5	5	5	0	5	5	0	5	5	1	5	1	1	5	1	5	1	3.75	18
Emp.ni	0	15	10	1	0	0	0	0	20	0	1	0	1	1	0	0	0	0	0	0	2.45	7
Vac.vi	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
moss	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	5	0	0	0	0	0.45	5
Ped.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
sedge	0	1	1	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0.3	6
grass	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0.2	4
Lois.p	0	0	0	0	0	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0.3	6
Sax.br	0	0	0	0	0	0	5	1	1	0	0	0	0	0	0	1	0	0	0	0	0.4	4
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Anem.n	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0.15	3
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0.25	5
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	0	0	0	0	1	0	1	5	0	5	1	1	1	0	1	1	10	0	1	1.45	12
Arc.al	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	0	0	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0	0.35	7
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (continued)

2) Truuli Creek Recently-Introduced Caribou Herd Winter Use Area

PLT042	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.gp	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Cet.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Cl.gp.	5	5	1	0	1	1	5	1	1	0	0	5	5	15	1	5	1	1	1	1	2.75	17
Cl.ste	1	5	10	1	0	1	5	1	0	0	0	1	5	15	1	10	1	25	1	0	4.15	15
Cla.gr	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0.2	4
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	1	0	0	1	1	1	0	1	0	1	1	1	1	0	0	1	1	0	1	0	0.6	12
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	5	1	0	0	0	1	1	5	5	1	0	0	1	1	1	5	0	0	0	0	1.35	11
Tha.ve	0	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	0	0	0.65	13
Sal.ar	5	0	0	0	0	1	1	10	1	0	1	1	1	0	0	0	0	0	0	1	1.1	9
Sal.re	0	5	10	10	5	1	0	1	1	10	5	1	0	1	5	5	1	0	1	10	3.6	16
Dry.oc	35	0	0	0	0	0	0	0	0	0	1	0	0	0	5	0	0	0	0	0	2.05	3
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	40	30	25	20	40	55	45	30	30	30	70	70	60	25	65	0	80	30	60	70	43.75	19
Vac.vi	0	1	0	0	1	0	0	0	0	1	0	0	0	1	0	1	0	1	0	1	0.35	7
moss	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.55	2
forb	1	0	1	1	0	0	0	1	1	0	1	0	0	0	1	1	0	0	1	0	0.45	9
sedge	1	1	1	1	1	1	5	0	1	1	5	5	0	0	1	1	1	1	1	5	1.65	17
grass	1	1	1	1	1	1	0	25	1	1	0	1	0	0	1	1	1	1	1	0	1.95	15
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0.3	6
Anem.n	0	1	0	1	1	1	1	0	1	0	0	1	0	1	1	1	0	0	1	0	0.55	11
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0.15	3
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0.15	3
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0.15	3
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Truuli Creek Area continued)

PLT043	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0.2	4
Cet.gp	1	1	0	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1.15	19
Cet.ni	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0.3	6
Cl.gp.	1	5	5	10	1	1	5	5	5	1	15	1	1	1	5	1	1	1	1	5	3.55	20
Cl.ste	1	25	10	5	5	5	10	10	1	1	5	5	1	1	5	0	5	1	1	1	4.9	19
Cla.gr	0	1	1	1	0	1	0	0	1	0	0	1	0	1	1	1	1	1	1	1	0.65	13
Cla.gp	0	1	1	0	0	1	0	0	1	0	0	1	1	0	0	0	1	0	0	1	0.4	8
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	1	0	1	0	1	0	0	0	1	1	0	0	1	1	0	1	1	1	0.5	10
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	1	5	5	0	0	1	0	1	1	0	1	5	0	1	1	30	15	5	1	15	4.4	15
Tha.ve	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Sal.ar	1	0	1	0	0	0	0	1	0	0	1	0	1	1	1	1	5	0	0	0	0.65	9
Sal.re	0	1	1	0	0	0	0	0	1	1	0	10	1	0	0	0	0	0	0	0	0.75	6
Dry.oc	1	1	1	0	0	0	1	15	1	0	0	0	0	0	0	5	0	0	0	0	1.25	7
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	5	1	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	5	0.8	8
Emp.ni	80	5	15	20	25	35	25	35	20	70	10	30	55	35	20	20	25	40	40	25	31.5	20
Vac.vi	1	0	1	0	0	0	0	1	1	1	0	1	1	0	1	1	1	1	1	1	0.65	13
moss	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.1	2
Ped.	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0.15	3
sedge	0	1	0	0	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1	1	0.7	14
grass	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0.7	14
Lois.p	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	1	1	0	0	1	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0.4	8
Anem.n	0	1	0	0	0	0	1	1	0	0	1	1	0	1	1	0	1	1	1	0	0.5	10
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	0	0	0	1	0	1	0	0	0	0	0	0	25	1	1	0	0	0	1	1.55	7
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0.15	3
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.1	2
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Truuli Creek Area continued)

PLT044	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	1	5	0	1	1	5	0	0	5	0	1	0	1	0	5	0	0	0	1	1.3	10
Bry.di	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	1	0	0.2	4
Cet.cu	1	1	1	0	0	1	1	0	1	1	0	1	1	1	1	1	0	0	0	1	0.65	13
Cet.gp	0	1	0	1	1	1	1	0	0	1	0	1	1	1	0	0	1	0	0	1	0.55	11
Cet.ni	1	1	5	1	1	1	1	1	1	5	1	1	5	5	1	1	1	1	1	1	1.8	20
Cl.gp.	0	0	5	1	5	25	10	0	0	1	0	1	1	5	10	1	5	0	0	15	4.25	13
Cl.ste	0	0	0	1	10	1	1	0	1	0	0	0	1	0	0	1	0	0	0	5	1.05	8
Cla.gr	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.1	2
Dac.ar	1	0	1	1	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0.35	7
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Sph.gl	1	1	0	0	0	0	0	1	0	0	0	1	1	0	0	1	1	1	1	1	0.5	10
Ste.al	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Tha.ve	1	1	1	1	1	1	1	1	0	1	5	0	1	1	1	1	1	0	1	1	1.05	17
Sal.ar	1	1	0	5	0	0	1	5	1	0	0	1	1	5	1	1	1	0	1	0	1.25	13
Sal.re	0	1	5	0	0	1	0	0	5	0	0	0	0	0	1	0	1	0	0	1	0.75	7
Dry.oc	5	5	1	5	10	25	5	5	10	5	5	0	30	5	0	5	0	0	10	1	6.6	16
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	10	0	1	1	0	0	0	10	1	10	5	0	0	0	1	5	5	5	0	5	2.95	12
Emp.ni	0	0	0	5	0	1	35	1	5	1	0	0	0	0	30	0	0	0	0	0	3.9	7
Vac.vi	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0.2	4
moss	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	0	1	1	0.3	6
Ped.	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	1	0.25	5
sedge	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	0.8	16
grass	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	1	1	0.75	15
Lois.p	1	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	1	0	0	0.4	4
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.15	3
Anem.n	1	1	0	1	1	1	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0.45	9
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.1	2
Oxy.ni	1	1	1	1	0	0	0	1	0	1	0	1	1	1	0	1	1	1	1	1	0.7	14
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	15	5	15	10	1	0	0	5	0	5	0	10	1	0	0	10	5	0	0	1	4.15	12
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	1	0	0	1	0	1	0	0	1	1	0	0	1	0	0	0	0	0.35	7
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Truuli Creek Area continued)

PLT045	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	1	1	0	1	1	0	1	1	1	0	0	1	1	1	0	15	1	0	1.3	12
Bry.di	1	0	1	1	1	0	5	0	1	1	10	1	1	0	0	1	0	1	5	1	1.55	14
Cet.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0.1	2
Cet.gp	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0.1	2
Cet.ni	1	1	1	1	1	1	10	1	1	1	5	1	1	0	1	1	1	1	5	1	1.8	19
Cl.gp.	0	1	0	1	1	1	1	1	1	1	0	1	1	0	0	1	0	0	0	0	0.55	11
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	5	5	5	5	20	50	1	5	0	1	0	15	0	1	1	5	1	0	0	1	6.05	15
Sph.gl	1	0	1	0	1	1	0	1	1	1	1	0	1	0	0	1	0	1	1	1	0.65	13
Ste.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tha.ve	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Sal.ar	1	0	1	0	0	0	0	0	0	1	0	0	1	0	1	1	1	15	0	0	1.1	8
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	20	5	5	1	0	1	15	10	5	15	5	5	10	0	5	1	5	10	5	1	6.2	18
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	5	0.4	4
Emp.ni	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
Vac.vi	1	0	1	0	0	0	0	1	0	0	1	1	0	0	0	1	0	1	1	0	0.4	8
moss	0	0	0	0	1	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0.2	4
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	0	1	1	1	0	0	0	1	1	0	1	1	0	0	1	1	1	1	0	0.6	12
grass	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	0	1	0	0.25	5
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0.25	1
Sax.br	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0.25	5
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	1	1	0	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	0.8	16
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	5	10	5	5	0	0	5	1	0	1	1	0	5	1	5	30	10	1	5	1	4.55	16
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	1	1	1	1	0	1	0	1	1	0	0	0	0	1	0.4	8
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2

Appendix 1. (Truuli Creek Area continued)

PLT046	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	0	5	1	1	1	1	0	1	1	0	0	1	0	1	1	1	0	0	0.85	13
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.15	3
Cet.gp	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	5	1	1	1	1.1	18
Cet.ni	1	1	0	1	1	1	1	1	5	1	5	1	0	1	1	0	1	1	1	1	1.25	17
Cl.gp.	1	1	1	1	0	1	10	0	5	10	10	1	1	10	1	10	5	1	5	1	3.75	18
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	1	0.8	2
Cla.gr	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	1	1	1	0.4	8
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	1	1	1	0	1	1	5	1	1	1	1	5	1	1	1	0	5	10	1	1.9	17
Sph.gl	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0.7	14
Ste.al	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	1	1	0	0	0.3	6
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	1	0	1	5	0	1	1	0	0	1	5	1	0	0	0	0	1	0	0	10	1.35	10
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	1	1	15	5	0	30	0	10	1	1	1	0	5	25	5	0	0	0	5	5.5	14
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	5	1	1	1	1	1	0	1	1	5	10	1	0	5	1	0	0	0	0	0	1.7	13
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0.1	2
Vac.vi	0	1	0	0	1	1	0	1	0	0	0	0	1	1	0	1	1	0	0	1	0.45	9
moss	0	0	0	0	1	1	0	1	0	0	0	1	1	0	0	1	0	0	0	0	0.3	6
Ped.	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
sedge	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	0	1	1	0.8	16
grass	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	1	0	0	0	1	0.35	7
Lois.p	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	0	0	0	0	5	0.5	6
Sax.br	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	1	0	0	0	1	0	0	0	0	1	0	1	1	1	0	0	0	0	0.3	6
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0.3	6
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	15	25	5	5	0	0	1	0	1	1	1	1	0	0	0	0	0	0	0	2.8	10
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Min.ar	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0.1	2
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Truuli Creek Area continued)

PLT047	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	1	1	0	1	1	1	0	1	1	0	0	1	1	1	1	0	0	1	0.65	13
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Cet.cu	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1	0	0.2	4
Cet.gp	1	1	1	1	0	1	1	1	1	0	1	1	0	1	1	1	1	1	0	1	0.8	16
Cet.ni	1	1	1	1	1	1	1	1	1	1	5	1	1	0	1	1	1	1	1	1	1.15	19
Cl.gp.	1	5	0	1	0	1	0	1	1	0	5	5	0	0	1	1	0	1	0	5	1.4	12
Cl.ste	1	5	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	5	0.65	5
Cla.gr	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	1	0	1	0	0	0.35	7
Cla.gp	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0.25	5
Dac.ar	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lob.gp	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.1	2
Pse.pu	0	0	0	0	0	0	1	1	0	1	1	1	0	1	5	0	1	0	0	0	0.6	8
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0.15	3
Ste.al	1	15	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	1	1.05	7
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1.2	20
Sal.ar	1	1	1	1	0	1	1	1	1	1	0	1	1	1	10	1	5	5	1	5	1.95	18
Sal.re	1	0	0	0	0	0	0	0	0	1	10	1	0	0	0	0	0	0	0	0	0.65	4
Dry.oc	5	5	0	5	15	1	0	1	5	1	1	5	0	15	10	15	1	5	0	5	4.75	16
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	1	1	0	0	1	1	1	1	0	0	1	0	0	0	0	5	1	0	0.65	9
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0.25	1
Vac.vi	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0.2	4
moss	1	0	0	10	1	1	0	0	0	0	0	1	0	5	1	1	1	0	0	1	1.15	10
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	0	1	0	0	0	0	1	0	1	1	0	1	0	1	0	1	0	1	0.5	10
grass	0	5	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	1	0.45	5
Lois.p	0	0	1	0	0	0	1	0	0	5	1	0	0	0	0	0	0	0	5	0	0.65	5
Sax.br	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Anem.n	1	1	0	1	0	0	0	0	1	0	0	0	0	1	0	0	1	1	0	1	0.4	8
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	1	0	0	1	1	1	1	5	5	0	1	0	1	1	0	0	1	0	1	12
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	0	1	0	1	0	5	5	1	1	0	1	5	0	5	1	1	0	1	0	1.45	13
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Truuli Creek Area continued)

PLT048	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0.2	4
Bry.di	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Cet.cu	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0.2	4
Cet.gp	1	0	0	0	1	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0.3	6
Cet.ni	1	0	1	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	1	0.35	7
Cl.gp.	1	0	1	1	10	5	1	0	1	0	0	1	1	1	0	0	0	0	0	0	1.15	10
Cl.ste	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Cla.gr	5	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0.45	5
Cla.gp	5	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55	7
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0.35	7
Pse.pu	0	1	0	0	0	0	0	5	0	1	1	0	0	0	0	0	0	1	10	1	1	7
Sph.gl	1	1	0	0	0	0	1	1	0	0	1	1	0	1	0	0	0	0	0	1	0.4	8
Ste.al	1	0	1	15	15	30	1	0	5	0	0	25	10	15	0	0	0	0	0	0	5.9	10
Tha.ve	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1	5	1	1	16
Sal.ar	0	1	5	1	1	0	1	1	1	10	1	5	1	30	95	0	90	1	5	1	12.5	17
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	1	1	1	0	0	0	0	0	1	1	5	5	0	0	0	0	0	0	0	1	0.8	8
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	1	0	0	10	10	45	0	0	0	0	0	5	0	0	0	0	0	0	0	3.55	5
Vac.ca	10	1	1	1	0	0	1	1	10	1	0	5	0	15	1	0	0	1	1	1	2.5	14
Emp.ni	0	10	5	5	1	0	5	0	10	1	0	0	50	1	1	0	5	0	0	0	4.7	11
Vac.vi	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0.2	4
moss	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0.2	4
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	0	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	0	0	0	0.65	13
grass	0	0	0	0	1	1	1	0	1	0	0	1	1	0	0	1	1	0	1	0	0.45	9
Lois.p	5	1	0	0	0	0	0	5	0	0	1	0	0	0	0	0	0	0	0	5	0.85	5
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0.4	8
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	1	1	5	0.6	8
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	0	1	1	0	0	1	0	1	1	1	1	0	0	0	0	0	0	5	1	0.7	10
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Truuli Creek Area continued)

PLT049	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0.25	5
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.1	2
Cet.cu	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	0.2	4
Cet.gp	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0.8	16
Cet.ni	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0.6	12
Cl.gp.	1	1	5	1	1	1	1	1	1	1	1	10	1	0	5	1	1	1	0	0	1.7	17
Cl.ste	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0.2	4
Cla.gr	1	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.2	4
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0.3	6
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	6
Pse.pu	0	0	1	0	0	0	1	0	1	0	0	0	1	1	0	0	0	1	0	10	0.8	7
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0.2	4
Ste.al	1	1	10	20	5	5	1	1	0	5	10	25	1	0	5	1	10	0	0	0	5.05	15
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0.95	19
Sal.ar	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	1	0.25	5
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	1	1	1	1	1	5	1	5	5	5	1	5	5	0	1	1.9	14
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	1	0	5	0	1	1	0	1	5	0	1	0	0.75	7
Emp.ni	0	0	0	0	0	25	0	0	0	50	0	0	0	0	0	0	0	0	0	0	3.75	2
Vac.vi	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	1	1	0.7	14
moss	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0.4	8
Ped.	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0.15	3
sedge	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0.7	14
grass	1	1	1	1	1	1	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0.5	10
Lois.p	1	0	0	0	0	0	0	5	1	1	1	1	10	5	1	1	1	5	10	1	2.2	14
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	4
Anem.n	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	0	0	1	0	0	0.7	14
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	1	1	1	1	1	0.45	9
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	1	1	0	0	0	1	1	5	0	1	0	1	1	0	1	1	1	5	1	1.1	14
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.1	2
Lyco.	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.1	2
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Truuli Creek Area continued)

PLT050	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	0	0.3	6
Bry.di	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cet.cu	1	1	0	1	1	0	1	0	0	1	1	1	0	1	0	1	1	0	0	1	0.6	12
Cet.gp	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0.85	17
Cet.ni	5	5	1	5	1	0	1	5	5	5	1	5	1	1	1	1	1	5	1	1	2.55	19
Cl.gp.	15	1	10	15	0	0	0	15	0	1	1	1	10	1	1	0	25	15	1	1	5.65	15
Cl.ste	30	5	0	10	0	0	0	20	1	0	1	1	15	1	0	0	15	0	1	1	5.05	12
Cla.gr	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	0	0.3	6
Cla.gp	1	0	1	0	0	0	1	1	0	1	1	1	1	0	1	0	1	1	0	1	0.6	12
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Pse.pu	0	0	1	0	1	1	0	0	5	1	0	1	0	1	1	1	0	1	1	0	0.75	11
Sph.gl	0	0	1	1	1	0	1	1	1	1	1	1	1	0	5	1	1	1	0	0	0.9	14
Ste.al	1	1	0	1	0	0	0	0	0	10	1	1	1	0	0	0	1	0	1	1	0.95	10
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	1	0	5	0	10	0	0	1	0	5	0	5	1	1	0	1	0	0	1.5	9
Sal.re	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Dry.oc	1	15	5	10	10	1	1	1	5	20	20	5	10	10	15	10	5	5	1	0	7.5	19
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	1	5	5	10	5	15	0	1	1	1	5	5	5	5	1	1	5	1	1	3.65	18
Emp.ni	0	5	0	0	0	0	10	0	0	5	0	0	0	0	0	0	0	0	40	80	7	5
Vac.vi	0	1	1	1	0	0	0	1	1	0	1	1	1	0	1	0	1	0	1	1	0.6	12
moss	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0.25	5
Ped.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
sedge	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
grass	1	1	1	1	1	0	1	1	0	0	0	1	1	0	1	1	1	1	1	1	0.75	15
Lois.p	0	0	0	0	0	0	0	0	1	1	1	0	0	0	10	0	0	0	5	0	0.9	5
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.1	2
Anem.n	0	0	0	1	0	0	0	1	1	0	0	0	1	0	0	0	1	0	1	1	0.35	7
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.35	7
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	1	0	5	1	5	0	0	1	10	1	0	1	0	1	1	0	1.35	10
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0.2	4
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0.15	3
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Truuli Creek Area continued)

PLT051	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	0	1	1	1	1	1	0	1	1	1	1	1	0	0	1	0	1	1	0.75	15
Bry.di	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.15	3
Cet.cu	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0.85	17
Cet.gp	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Cet.ni	5	1	1	1	1	5	1	1	5	1	1	5	0	1	1	0	1	1	1	5	1.9	18
Cl.gp.	25	1	1	1	10	20	15	5	1	5	1	5	5	5	1	1	1	1	1	1	5.3	20
Cl.ste	35	5	1	1	1	15	5	1	15	15	5	25	10	15	1	10	1	1	5	10	8.85	20
Cla.gr	1	0	0	0	0	1	1	1	1	0	0	0	0	1	0	1	0	0	1	0	0.4	8
Cla.gp	10	1	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	1.2	15
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Lob.gp	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
Pse.pu	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sph.gl	1	1	1	0	1	1	0	1	0	0	0	0	0	1	1	0	1	0	1	1	0.55	11
Ste.al	1	1	1	1	0	5	1	5	1	5	1	5	5	5	1	1	1	5	10	5	3	19
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	1	15	1	10	0	1	0	5	1	0	0	0	0	0	0	0	0	0	0	1.7	7
Sal.re	1	1	1	0	0	5	10	0	0	1	1	5	1	1	1	1	5	5	0	5	2.2	15
Dry.oc	0	1	40	15	1	1	5	25	5	1	1	1	5	5	10	5	1	10	1	1	6.7	19
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	5	0	5	1	0.65	5
Emp.ni	0	35	0	0	20	1	1	0	25	15	35	0	10	5	5	50	0	0	0	1	10.15	12
Vac.vi	0	1	0	0	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0.25	5
moss	1	1	1	1	1	0	1	0	1	1	1	1	0	1	0	1	1	1	0	1	0.75	15
Ped.	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0.35	7
sedge	1	1	1	1	1	1	1	1	1	0	1	0	1	0	1	0	1	1	0	1	0.75	15
grass	1	1	1	5	5	10	5	5	1	1	1	1	1	5	5	1	1	5	1	1	2.85	20
Lois.p	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0.1	2
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	1	0	0	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0.75	15
Anem.n	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0.8	16
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	1	0	1	1	0	0.4	8
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	1	0	0	1	1	0.35	7
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Ped.la	0	0	1	0	1	0	1	0	0	0	0	1	0	1	0	0	0	0	0	1	0.3	6
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1

Appendix 1. (Truuli Creek Area continued)

PLT052	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	0	1	1	1	1	1	5	5	10	0	5	5	1	5	1	5	5	1	2.7	17
Bry.di	1	0	0	0	1	1	0	0	1	5	1	0	0	0	0	0	0	0	0	0	0.5	6
Cet.cu	0	0	0	0	0	0	1	1	1	0	1	5	0	1	1	1	1	1	1	1	0.8	12
Cet.gp	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8	16
Cet.ni	1	1	1	1	1	1	5	10	5	5	10	10	10	15	5	1	5	1	1	5	4.7	20
Cl.gp.	1	0	0	0	0	1	1	1	1	1	25	20	5	5	25	25	15	5	20	1	7.6	16
Cl.ste	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	5	0	25	0	1.65	5
Cla.gr	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	0.25	5
Cla.gp	0	0	0	0	0	1	1	0	0	1	0	0	5	1	0	1	1	0	1	1	0.65	9
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	1	1	1	1	5	1	1	5	0	1	0	0	0	1	0	0	0	1	0	0	0.95	11
Sph.gl	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9	18
Ste.al	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	0	0	0	0	0.25	5
Tha.ve	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1.2	20
Sal.ar	1	0	1	0	0	1	0	0	1	1	10	10	5	0	5	1	0	5	0	1	2.1	12
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	1	0	0	0.35	3
Dry.oc	5	1	5	1	20	5	1	1	1	10	5	10	0	5	1	1	10	1	1	1	4.25	19
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	0	1	0	1	5	0	5	10	10	0	5	5	1	0	1	0	1	5	1	2.6	6
Emp.ni	0	0	0	0	0	10	0	0	20	0	5	0	1	0	0	15	1	0	0	1	2.65	7
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0.1	2
moss	0	0	1	0	1	0	1	1	0	0	0	1	0	1	1	0	0	1	1	0	0.45	9
Ped.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0.1	2
sedge	0	0	1	1	1	0	0	0	1	0	0	1	0	0	0	0	1	1	1	0	0.4	8
grass	0	0	0	1	1	0	1	0	1	0	1	1	1	1	1	1	5	1	1	1	0.9	14
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0.15	3
Anem.n	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	1	1	0	1	0	0.35	7
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	1	1	0	0	5	1	1	1	0	0	1	1	0	1	0	0	0	0	0.75	11
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	10	5	1	10	5	1	20	5	5	1	0	1	15	1	1	1	1	0	0	5	4.4	17
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	1	0	0	1	0	1	0	0	1	0	1	0	1	1	0	0	1	0.45	9
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Gen.gl	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0.15	3
mushrm	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1

Appendix 1. (Truuli Creek Area continued)

PLT053	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0.3	6
Bry.di	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.15	3
Cet.cu	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0.5	10
Cet.gp	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	0.9	18
Cet.ni	1	5	5	5	5	1	1	1	1	1	1	0	0	1	10	1	0	1	1	1	2.1	17
Cl.gp.	10	1	1	1	10	1	15	15	1	5	1	5	20	1	0	0	5	1	0	0	4.65	16
Cl.ste	15	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	1	6
Cla.gr	5	0	0	0	1	0	0	0	0	1	1	0	1	0	1	0	1	1	0	0	0.6	8
Cla.gp	10	5	1	1	1	1	0	1	1	1	1	0	1	0	0	0	1	1	0	0	1.3	13
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	1	5	1	5	0	0	0	0	1	0	0	0	1	0	1	1	0	1	1	0.9	10
Sph.gl	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0.35	7
Ste.al	5	0	0	0	5	1	0	5	15	1	0	10	5	5	1	0	0	10	0	0	3.15	11
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	1	1	1	1	1	5	1	0	1	0	0	1	0	1	1	1	0	15	0	10	2.05	14
Sal.re	0	0	0	0	0	0	1	0	10	0	10	0	0	0	0	0	0	0	0	0	1.05	3
Dry.oc	10	5	1	5	1	45	20	20	5	20	0	1	1	1	1	1	1	1	1	0	7	18
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	1	1	5	1	10	0	1	0	0	0	1	1	1	5	1	1	0	0	0	1.45	12
Emp.ni	0	0	0	0	0	0	0	1	30	10	30	45	25	20	0	0	1	65	1	0	11.4	10
Vac.vi	1	1	0	1	1	1	1	0	1	1	0	0	0	0	0	1	1	1	0	0	0.55	11
moss	1	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	1	1	1	0	0.5	10
Ped.	0	1	1	0	0	0	1	1	1	0	1	0	1	1	0	0	0	1	0	1	0.5	10
sedge	1	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	0	0.8	16
grass	1	1	1	0	1	1	1	1	1	1	5	1	1	0	1	1	1	1	0	0	1	16
Lois.p	0	1	10	0	5	0	1	0	0	0	0	0	0	5	1	0	1	0	1	5	1.5	9
Sax.br	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	0	0	1	0	1	1	1	1	1	0	0	0	1	0	1	1	0	1	0.6	12
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	0	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	1	1	0.45	9
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	10	1	25	5	0	0	0	0	0	0	0	0	5	5	15	0	0	0	5	3.55	8
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	1	1	0	0	1	0	0	0	0	1	0	1	1	1	0	0	1	1	0.5	10
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1.5	3
mushrm	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1

Appendix 1. (Truuli Creek Area continued)

PLT054	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	0	1	1	0	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0.35	7
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	1	0.25	5
Cet.gp	1	1	5	1	1	1	1	1	1	1	1	5	1	1	1	1	5	1	1	0	1.55	19
Cet.ni	1	5	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1.1	18
Cl.gp.	5	1	5	1	1	1	5	5	5	1	15	5	1	1	5	0	5	1	5	0	3.4	18
Cl.ste	0	0	1	1	0	0	0	5	1	0	1	1	0	0	1	0	0	0	0	0	0.55	7
Cla.gr	1	0	0	0	0	0	0	1	0	0	5	0	0	0	1	0	0	0	0	0	0.4	4
Cla.gp	1	0	1	0	0	1	0	0	1	0	5	0	0	0	1	1	1	1	1	0	0.7	10
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Pse.pu	1	1	0	1	1	0	1	0	0	1	0	0	0	0	0	1	0	1	1	0	0.45	9
Sph.gl	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.2	4
Ste.al	0	0	0	0	0	0	0	5	1	0	1	1	1	0	0	0	1	0	1	0	0.55	7
Tha.ve	1	1	1	5	1	1	1	1	1	1	1	5	5	1	1	1	1	1	1	1	1.6	20
Sal.ar	0	1	1	0	1	0	5	0	0	1	0	0	0	0	0	1	0	0	0	1	0.55	7
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	1	20	5	20	20	30	5	5	10	10	25	20	1	15	0	1	5	1	1	10	19
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0.1	2
Emp.ni	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	55	50	5.35	4
Vac.vi	0	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0.75	15
moss	1	1	0	1	0	1	1	1	1	1	1	1	1	1	5	1	75	1	0	1	4.75	17
Ped.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
sedge	5	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1.1	18
grass	0	0	1	1	1	1	1	1	1	1	5	1	1	1	5	0	1	1	1	0	1.2	16
Lois.p	5	1	1	1	1	1	0	1	1	5	0	1	1	1	0	1	1	1	1	1	1.25	17
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Anem.n	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	0.9	18
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	1	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0.3	6
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	1	0	1	0	0	0	0	0	1	1	0	0	0	0	1	0	0.25	5
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	1	1	0	0	1	1	1	0	0	1	1	0	1	0	1	0	1	0.55	11
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0.2	4
mushrm	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2

Appendix 1. (Truuli Creek Area continued)

PLT055	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	1	1	0	1	0	1	1	0	0	0	0	1	0	1	0	1	1	1	0.6	8
Bry.di	5	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0.5	6
Cet.cu	1	0	1	1	0	1	0	1	1	0	0	1	1	0	0	1	0	1	1	0	0.55	11
Cet.gp	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	1	0.45	10
Cet.ni	5	1	1	1	0	1	0	0	1	1	0	1	1	0	1	1	1	1	0	1	0.9	14
Cl.gp.	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	1	0.45	9
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	1	1	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0.4	8
Cla.gp	1	1	0	0	0	0	0	5	5	0	0	0	0	0	0	1	0	0	0	0	0.65	5
Dac.ar	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.15	3
Lob.gp	5	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0.35	3
Pse.pu	0	1	5	1	10	5	1	1	1	5	1	5	1	10	1	0	5	1	5	1	3	18
Sph.gl	1	1	0	5	0	0	0	1	1	0	0	0	1	0	1	1	0	1	0	1	0.7	10
Ste.al	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	1
Tha.ve	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0.85	17
Sal.ar	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1.4	20
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	10	25	20	15	0	1	1	0	5	0	0	1	5	0	1	10	1	25	15	1	6.8	15
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	5	0	0	5	5	0	0	10	5	1	1	15	5	0	0	1	1	2.7	11
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	1	0	0.3	6
moss	0	1	1	0	0	1	0	1	5	1	0	0	0	0	0	0	0	1	0	0	0.55	7
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	0	10	1	0	0	0	1	5	1	1	1	1	0	1	1	1	1	0	0	1.3	7
grass	1	1	0	1	0	0	0	1	1	1	0	0	1	0	0	1	0	1	0	0	0.45	9
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0.3	2
Sax.br	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Anem.n	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	1	0	1	5	5	1	1	1	5	1	0	1	1	0	5	1	1	5	1.8	16
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	1	5	1	5	20	1	0	10	20	5	10	10	25	0	1	10	1	20	1	7.3	17
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	1	1	1	0	1	1	1	1	0	0	0	1	1	0	0	0	1	0	0.55	11
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0.1	2
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
mushrm	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0.15	3

Appendix 1. (Truuli Creek Area continued)

PLT056	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	0	1	0	1	0.7	14
Bry.di	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	1	0.3	6
Cet.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.gp	1	1	1	1	1	1	0	1	1	1	1	0	1	0	0	0	0	1	1	0	0.65	7
Cet.ni	1	1	1	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0.85	17
Cl.gp.	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0.15	3
Cl.ste	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gp	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0.1	2
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	5	1	1	10	5	10	5	10	5	1	1	5	5	5	15	15	1	5	5	5	5.75	20
Sph.gl	0	0	0	1	1	1	1	0	0	0	1	1	0	0	1	0	1	1	1	0	0.5	10
Ste.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	1	0	0	0	1	1	1	1	0	0	0	1	0	1	1	1	0	1	0	0	0.5	10
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	20	1	20	0	1	10	5	10	1	1	0	1	1	5	5	15	10	20	1	5	6.6	18
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	0	1	1	5	1	5	5	1	5	15	5	5	1	1	1	5	0	5	5	3.4	18
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	1	0	0	1	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0.3	6
moss	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.15	3
Ped.	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.15	3
sedge	0	1	1	0	0	0	1	0	0	1	1	0	0	1	0	0	1	1	1	0	0.45	9
grass	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.15	3
Lois.p	0	0	5	1	1	0	5	0	1	1	5	1	1	0	1	0	5	0	1	0	1.4	12
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	1	1	1	1	0	1	0	1	0	1	1	1	5	1	1	1	1	1	1.05	17
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	10	5	1	1	5	1	5	5	1	1	5	1	5	10	5	20	0	15	1	5	5.1	19
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	0	1	1	0	1	0	1	1	0	1	1	0	0	0	1	1	1	1	0.6	12
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Truuli Creek Area continued)

PLT057	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cet.gp	1	0	0	1	1	1	1	1	5	1	10	5	1	1	1	1	1	1	5	1	1.95	18
Cet.ni	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cl.gp.	1	1	0	1	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	0.8	16
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0.25	5
Cla.gp	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0.2	4
Dac.ar	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Lob.gp	1	1	1	1	1	0	1	1	1	0	0	1	1	1	0	1	1	1	1	1	0.8	16
Pse.pu	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Sph.gl	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ste.al	1	1	5	1	0	1	0	1	1	1	1	1	5	1	1	1	10	5	0	1	1.9	17
Tha.ve	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	0.9	18
Sal.ar	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	2
Sal.re	25	5	20	25	0	1	0	25	10	15	20	30	15	5	0	1	1	10	15	10	11.65	17
Dry.oc	1	1	0	0	1	0	5	0	5	0	1	1	5	1	1	1	1	0	1	1	1.3	14
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0.25	5
Emp.ni	15	60	0	0	1	90	25	20	0	5	0	0	0	65	10	5	65	40	20	0	21.05	13
Vac.vi	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0.2	4
moss	1	1	15	1	0	0	0	1	10	30	5	5	0	5	0	1	1	1	5	5	4.35	15
Ped.	1	1	0	1	0	1	0	1	0	0	1	1	1	1	0	0	1	1	0	1	0.6	12
sedge	10	1	5	0	1	1	1	5	1	5	10	1	1	1	1	1	1	5	10	5	3.3	19
grass	1	1	0	15	0	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1.5	16
Lois.p	1	1	1	0	0	0	5	0	5	0	5	5	0	1	1	0	0	0	0	1	1.3	10
Sax.br	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0.15	3
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	1	0	1	0	0	0	0	1	1	1	1	0	0	1	0	0	0.35	7
Anem.n	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ast.um	1	1	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.25	5
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	5	0	0	0	0	1	0	1	1	0	0	0	1	0.45	5
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0.2	4
Ped.la	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	1	0	0	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	1	0.3	6
mushrm	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1

Appendix 1. (Truuli Creek Area continued)

PLT058	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0.2	4
Cet.gp	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0.95	19
Cet.ni	1	1	0	1	0	0	1	1	1	0	1	1	1	0	1	1	0	0	1	1	0.65	13
Cl.gp.	1	1	0	1	0	1	1	0	1	5	0	0	1	1	1	1	1	1	1	0	0.9	14
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	1	1	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	0	0	0	0.35	7
Cla.gp	1	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0.35	7
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Pse.pu	1	0	1	1	5	0	0	5	1	1	5	1	0	0	1	1	0	0	1	1	1.25	13
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0.15	3
Ste.al	5	5	1	1	0	5	1	0	0	0	0	1	1	5	0	1	1	5	1	0	1.65	13
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0.9	18
Sal.ar	0	0	0	0	1	0	0	5	1	0	0	5	0	0	0	0	0	1	1	0	0.7	6
Sal.re	0	0	0	0	0	0	1	0	0	0	0	0	0	5	0	0	0	1	0	0	0.35	3
Dry.oc	15	20	5	60	1	20	1	1	0	25	1	10	20	0	5	10	5	15	20	5	11.95	18
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	1	1	1	1	0	0	1	1	1	1	1	1	0	1	1	0	0	1	5	0.9	14
Emp.ni	0	0	0	5	0	15	60	0	0	0	0	0	0	20	0	0	20	0	0	0	6	5
Vac.vi	1	1	1	1	1	1	0	1	1	1	0	1	1	0	1	1	1	0	0	0	0.7	15
moss	1	1	1	0	0	1	0	0	0	0	1	0	1	1	0	0	0	15	0	0	1.1	8
Ped.	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	1	1	0	0.35	7
sedge	1	1	0	0	0	1	1	1	1	1	0	1	1	5	1	1	1	1	1	1	1	16
grass	1	1	0	1	0	5	1	0	1	1	0	0	1	5	1	1	5	10	1	0	1.75	14
Lois.p	5	1	0	0	1	0	0	0	1	20	1	0	1	0	0	1	0	0	10	0	2.05	9
Sax.br	0	1	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0.2	4
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	1	1	1	0	0	0	0	1	1	1	1	0	0	1	1	0	0	1	0	0	0.5	10
Anem.n	1	0	0	0	0	1	1	0	1	0	0	0	1	1	0	1	0	1	1	0	0.45	9
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	1	0	0	0	1	0.3	6
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	5	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0.4	4
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.la	0	1	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1	1	0.3	6
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	1	1	0	0	1	0	0	0	0	1	0	0	1	0	1	0	0	1	1	0	0.4	5
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1

Appendix 1. (Truuli Creek Area continued)

PLT059	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1	0.2	4
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.1	2
Cet.cu	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.1	2
Cet.gp	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0.85	17
Cet.ni	1	0	0	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0.8	16
Cl.gp.	1	5	1	1	1	1	10	1	1	1	0	1	0	0	1	0	0	0	0	0	1.25	12
Cl.ste	1	0	0	1	0	0	5	0	0	0	0	0	0	0	1	0	0	0	0	0	0.4	4
Cla.gr	1	1	1	1	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0.4	8
Cla.gp	1	1	1	0	1	0	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0.55	11
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0.2	4
Pse.pu	0	0	0	0	0	0	0	0	0	1	5	1	1	0	0	0	1	5	5	10	1.45	8
Sph.gl	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0.15	3
Ste.al	1	1	10	5	1	0	1	1	0	0	0	0	0	1	15	1	0	0	0	0	1.85	10
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	0	0	1	10	1	0	0	0	0	5	1	0	10	15	1	0	0	0	2.2	8
Sal.re	0	0	1	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.35	3
Dry.oc	5	10	5	1	20	0	0	10	5	5	10	15	5	1	1	10	1	5	0	10	5.95	17
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	1	1	0	1	1	1	1	1	1	0	0	5	1	1	5	1	1	15	1.85	15
Emp.ni	1	15	20	20	25	0	15	5	0	0	0	0	25	45	15	1	0	0	30	0	10.85	12
Vac.vi	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0.6	12
moss	1	1	1	1	1	0	1	1	1	1	0	1	1	1	5	0	1	0	0	0	0.9	14
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
sedge	1	1	0	1	1	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0.4	8
grass	0	1	1	1	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0.35	7
Lois.p	5	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0.45	5
Sax.br	0	1	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0.25	5
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.15	3
Anem.n	1	1	1	1	0	0	1	0	1	0	0	1	1	1	1	0	0	0	0	0	0.5	10
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	1	0	1	0.3	6
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	1	0	5	0	0	0	0	1	0	10	5	15	1	1	0	1.95	8
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	1	1	0	0	1	0	0	1	0	0	1	1	1	1	1	0	1	0	0	0.55	11
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Gen.gl	1	0	0	1	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0.25	5
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Truuli Creek Area continued)

PLT060	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.2	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9	18
Cet.gp	1	1	1	0	1	1	1	1	1	1	1	1	5	1	1	1	1	5	1	1	1.35	19
Cet.ni	1	1	1	1	1	1	1	0	0	1	1	0	0	1	0	1	1	0	1	0	0.65	13
Cl.gp.	1	1	1	1	1	1	5	10	5	1	1	5	10	5	1	1	1	1	1	10	3.15	20
Cl.ste	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	1	1	1	1	0.4	8
Cla.gr	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0.85	17
Cla.gp	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	0	1	1	0.5	10
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.1	2
Pse.pu	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sph.gl	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
Ste.al	1	20	5	1	1	10	10	1	10	5	25	15	1	5	10	15	20	5	10	1	8.55	20
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	0	0	0	5	0	0	1	0	0	1	1	0	0	1	1	0	10	0	1	7
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	0	0	20	1	0	1	1	0	1	1	1	0	0	0	1	1	0	0	0	1.65	10
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	10	0	0	0	0	1	5	0	0	0	0	0	0	0	25	2.05	4
Emp.ni	45	25	5	1	50	25	25	25	55	50	25	20	35	55	55	65	15	25	45	5	32.55	20
Vac.vi	1	1	1	1	0	1	1	1	0	0	5	1	1	1	1	1	1	1	1	1	1.05	17
moss	0	0	5	0	1	1	0	0	1	0	0	1	1	1	0	0	0	1	0	1	0.65	9
Ped.	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0.1	2
sedge	0	1	0	0	0	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1	0.6	12
grass	0	1	1	0	0	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1.05	17
Lois.p	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0.6	4
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	1	1	0.3	6
Anem.n	0	1	0	0	0	1	0	1	1	1	0	0	1	1	1	1	0	1	1	0	0.55	11
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Ped.la	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	0	0	0	0	0.65	13
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Truuli Creek Area continued)

PLT061	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0.2	4
Cet.gp	0	0	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0.65	13
Cet.ni	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
Cl.gp.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	1	1	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	1	0.35	7
Cla.gp	0	1	1	0	1	0	0	0	1	0	1	1	1	1	1	0	1	0	0	1	0.55	11
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	1	1	1	1	0	1	1	1	0	1	1	0	1	0	1	0	0	0	0	0	0.55	11
Pse.pu	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0.25	5
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	1	1	20	40	10	15	1	1	1	5	5	1	10	5	1	15	1	0	1	1	6.75	19
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	20	0	1	0	1	1	1	5	1	15	0	0	0	1	0	0	0	1	1	2.4	11
Sal.re	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5	0.3	2
Dry.oc	1	0	0	0	1	0	1	0	0	1	1	0	0	1	1	1	5	0	10	1	1.2	8
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	1	0	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0.35	3
Vac.ca	0	1	1	0	0	5	0	0	5	0	0	5	0	0	5	5	0	0	0	0	1.35	7
Emp.ni	15	1	15	40	80	10	80	5	10	1	35	50	50	65	20	20	35	10	50	25	30.85	20
Vac.vi	0	1	1	1	1	0	0	0	1	1	0	0	1	0	0	0	1	0	1	1	0.5	10
moss	1	1	1	0	0	0	0	0	5	0	1	0	1	0	0	0	0	0	0	0	0.5	6
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	0	0	1	1	1	0	1	1	0	1	1	0	1	0	0	0	0	1	1	0.55	11
grass	0	0	0	0	0	0	1	0	1	1	1	0	5	0	0	0	0	0	0	0	0.45	5
Lois.p	1	0	0	0	0	0	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0.25	5
Sax.br	0	1	1	0	0	1	0	0	0	1	1	0	0	0	1	0	0	1	0	0	0.35	7
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	0	0.2	4
Anem.n	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0.1	2
Ast.um	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Oxy.ni	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	1	0	1	0	1	0	0	0	0	0	1	1	0	1	0	0	1	0.4	8
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. Vegetation Cover Values Per Sampling Areas (continued)

3) Mystery Hills Potential Caribou Winter-Use Area

PLT062	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	0	1	0	1	1	0	5	1	1	1	1	0	1	0	1	1	1	1	0.9	14
Bry.di	1	1	1	5	1	1	1	1	5	5	10	1	1	5	1	0	0	0	1	1	2.1	17
Cet.cu	5	1	1	1	0	1	1	1	0	0	0	10	5	1	5	1	5	1	0	1	2	5
Cet.gp	1	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0.35	7
Cet.ni	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2	20
Cl.gp.	1	1	1	0	0	0	5	0	1	1	1	0	1	1	1	1	10	5	1	1	1.6	15
Cl.ste	1	1	0	0	0	0	0	0	1	0	0	0	5	0	1	1	20	10	0	1	2.05	9
Cla.gr	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0.25	5
Cla.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.1	2
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sph.gl	0	0	0	1	1	1	1	1	0	1	1	0	1	0	1	1	0	0	0	1	0.55	11
Ste.al	10	30	5	15	1	1	1	0	1	1	1	5	1	15	15	5	5	5	1	1	5.95	19
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	1	10	5	0	15	1	5	10	0	0	0	1	5	1	0	1	0	1	10	3.3	13
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	15	5	20	40	10	15	10	5	10	10	1	15	1	5	15	10	10	0	15	10.85	19
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	10	5	15	1	0	0	0	1	5	10	1	10	15	25	15	15	0	0	0	0	6.4	13
Emp.ni	5	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	10	0	0	0.85	4
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	0	0	0	0	5	0	0	0	0	0	0	0	1	0	0	10	0	0	0.8	3
Ped.	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.2	4
sedge	1	1	0	0	0	0	0	1	0	1	1	0	1	0	1	0	1	1	0	0	0.45	9
grass	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0.85	17
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	0	0	0	0	1	1	0	0	1	1	1	0	1	0	0	0	0	1	0.4	8
Anem.n	0	1	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	5	0	1	0.75	11
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	5	1	0	1	0	1	5	1	10	1	1	1	0	1	0	0	0	1	1.55	14
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	5	1	1	0	0	20	10	0	1	5	25	15	5	1	0	0	0	0	1	5	4.75	13
Arc.al	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	1
Ped.ca	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Ped.la	0	0	0	0	1	1	0	0	0	1	1	0	1	1	0	0	0	0	0	1	0.35	7
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0.2	4
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1

PLT063	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	1	1	0	1	1	0	5	1	1	1	1	1	0	1	0	1	0	1	0.9	14
Bry.di	1	1	1	0	0	1	1	1	1	5	1	5	1	1	1	1	0	0	0	0	1.1	14
Cet.cu	1	1	1	0	1	1	0	1	1	1	1	0	0	0	1	1	1	1	0	1	0.7	14
Cet.gp	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	0.85	17
Cet.ni	1	1	1	5	1	1	1	1	1	5	1	1	1	1	1	1	1	1	0	1	1.35	19
Cl.gp	1	1	1	5	1	5	1	1	1	1	5	1	5	1	5	1	10	10	0	1	2.85	19
Cl.ste	0	0	1	5	20	5	5	1	0	0	0	0	5	1	20	1	15	10	0	1	4.5	13
Cla.gr	0	1	0	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	0	1	0.7	14
Cla.gp	1	0	1	1	1	1	1	1	1	1	0	0	1	1	0	0	1	0	0	0	0.6	12
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.gp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	1	1	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0.3	6
Sph.gl	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0.7	14
Ste.al	1	5	5	1	5	10	10	20	5	5	10	5	10	5	5	10	1	5	0	10	6.4	19
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0.9	18
Sal.ar	0	0	0	0	1	0	1	0	0	5	0	0	1	1	0	0	0	1	0	1	0.55	7
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	1	1	1	25	1	15	35	1	0	5	10	5	1	5	15	1	10	5	1	7.15	19
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	5	1	5	1	5	5	1	10	1	1	1	5	5	1	10	1	1	5	5	10	3.95	20
Emp.ni	0	0	1	0	0	15	1	0	0	0	1	0	0	0	0	0	0	0	0	5	1.15	5
Vac.vi	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.2	4
moss	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.15	3
Ped.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.1	2
sedge	0	1	1	1	0	1	0	0	0	0	0	1	1	1	0	1	1	1	0	1	0.55	11
grass	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1	5	0	0.9	14
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	1	0	0.25	5
Anem.n	0	1	1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	1	0	1	0.7	14
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	1	0	0	0	1	1	1	1	1	0	1	10	1	0	0	0	1	0	1.05	12
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	5	1	0	0	1	5	0	1	1	10	1	10	5	0	1	0	0	5	0	2.35	13
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.la	1	0	1	1	0	0	0	0	1	1	1	0	1	0	1	0	0	0	0	0	0.4	8
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0.25	5
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Mystery Hills Area continued)

PLT064	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	5	10	5	0	5	5	1	1	5	1	10	0	1	1	1	1	0	1	1	1	2.75	17
Bry.di	10	5	5	1	5	5	5	5	1	10	5	1	1	5	0	0	0	5	1	1	3.55	17
Cet.cu	1	1	1	0	1	5	0	1	1	0	1	5	5	1	1	0	0	1	0	1	1.3	14
Cet.er	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0.2	4
Cet.is	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0.2	4
Cet.ni	25	20	10	1	5	5	5	1	10	1	5	5	1	5	1	5	0	1	10	5	6.05	19
Cl.mit	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cl.ran	1	1	1	0	1	5	1	1	1	1	0	1	5	1	5	1	0	1	1	1	1.45	17
Cl.ste	1	0	0	0	0	0	0	0	10	0	0	0	20	0	0	0	0	5	0	0	1.8	4
Cla.gr	1	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	0	0	1	0	0.3	6
Cla.am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.un	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Ste.al	10	5	0	0	5	30	20	0	0	0	0	0	15	1	5	0	0	1	10	0	5.1	10
Tha.ve	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2	20
Sal.ar	0	0	5	0	1	0	0	0	0	0	10	5	0	1	0	0	0	0	0	0	1.1	5
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	20	10	35	1	20	1	30	40	15	15	10	30	15	25	25	35	5	30	10	15	19.3	20
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	5	0	0	1	1	1	0	1	10	1	0	0	10	0	0	0	0	1	5	1.85	10
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	0	1	0	0	1	1	0	0	0	0	5	0	0	0	0	0	1	1	0.5	6
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
grass	1	1	1	0	5	0	0	0	1	0	0	1	5	0	1	1	0	0	5	0	1.1	9
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Anem.n	1	0	1	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0.25	4
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	5	1	1	5	0	0	1	1	1	1	0	0	0	1	1	5	1	0	0	1	1.25	13
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	1	0	0	0	0	0	5	1	0	0	5	0	0	0	0	0	5	1	5	1.15	7
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0.1	2
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	1	1	1	5	0	1	0	0	1	1	0	0	0	0	1	0.6	8
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Mystery Hills Area continued)

PLT079	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	1	1	1	0	1	1	0	5	0	0	0	0	0	1	0	5	0	1	0.85	9
Bry.di	5	5	1	0	0	1	1	0	1	0	0	5	0	1	0	5	5	1	0	5	1.8	12
Cet.cu	5	1	1	1	1	1	5	5	1	5	5	1	5	1	5	5	5	10	10	1	3.7	19
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	0	0	0	0	1	0	1	0	1	0	1	1	0	0	1	5	1	5	0	1	0.9	10
Cet.ni	10	0	5	10	1	0	0	0	5	1	0	1	5	5	1	10	10	15	5	5	4.45	15
Cl.mit	5	5	0	5	35	40	5	25	5	10	5	10	15	20	15	15	15	5	5	15	13.5	19
Cl.ran	1	5	1	15	15	1	10	1	5	5	10	5	5	5	1	10	5	1	5	30	6.8	19
Cl.ste	5	85	5	25	20	5	15	5	1	10	30	5	5	0	5	1	5	0	1	5	11.6	17
Cla.gr	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0.15	3
Cla.am	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.2	4
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	1	0	1	0	0	1	0	0	0	0	1	0	1	5	0	1	0	0.55	7
Ste.al	5	1	1	1	0	1	5	10	0	15	1	5	15	5	25	5	10	5	20	1	6.55	17
Tha.ve	1	1	0	1	1	1	1	1	0	0	1	0	1	1	1	1	0	0	0	0	0.6	12
Sal.ar	0	1	5	1	0	0	0	0	0	0	0	0	5	1	1	1	1	1	0	5	1.1	10
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	20	5	10	5	0	10	5	35	10	15	1	0	10	5	10	0	10	10	10	10	9.05	17
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	10	15	10	5	20	10	15	1	10	5	5	15	15	15	15	5	15	10	5	10.1	20
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
moss	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Ped.	1	1	0	0	1	0	1	1	0	0	0	1	0	0	1	0	0	0	0	1	0.4	8
sedge	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0.1	2
grass	1	1	0	1	0	0	1	5	1	5	1	1	0	5	0	0	1	0	1	10	1.7	13
Lois.p	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	1	0	0	0.3	6
Anem.n	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0.25	5
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	1	0	0	0	0	0	0	0	1	0	5	0	5	1	5	1	5	0	1.2	8
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0.25	1
Dia.la	0	0	5	5	5	10	1	5	0	1	15	10	0	10	5	0	5	10	0	0	4.35	13
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1	0	0	0.25	5
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	1	0	10	0	0	5	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0.95	6
Min.ar	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0.1	2
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Mystery Hills Area continued)

PLT080	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	5	5	0	10	1	0	1	1	1	5	1	5	1	1	1	1	5	1	0	5	2.5	16
Bry.di	10	20	5	5	1	5	5	0	5	0	1	1	10	1	0	1	1	15	0	10	4.8	15
Cet.cu	1	5	1	1	1	1	1	1	1	5	5	1	1	1	1	0	1	1	5	1	1.75	18
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	1	1	1	1	0	1	1	1	1	1	0	1	1	1	0	0	0	1	1	1	0.75	14
Cet.ni	10	10	15	35	5	10	10	20	5	5	5	10	15	1	1	0	5	10	5	10	9.8	18
Cl.mit	5	10	1	5	10	5	1	15	5	5	1	25	5	1	1	0	1	5	10	5	5.8	18
Cl.ran	1	1	5	1	1	1	1	5	1	10	1	1	1	0	1	0	1	5	5	5	2.35	17
Cl.ste	1	0	0	1	0	0	0	0	0	5	0	0	1	0	0	0	0	0	5	0	0.65	5
Cla.gr	1	0	0	1	0	1	1	1	0	0	1	0	1	0	0	0	0	1	1	1	0.45	9
Cla.am	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0.25	5
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	0	0	1	0	0	1	1	0	1	1	1	1	1	1	0	1	1	1	0.7	14
Ste.al	5	1	1	1	1	0	0	1	5	1	0	1	10	0	0	0	0	5	1	1	1.7	12
Tha.ve	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Sal.ar	0	1	0	0	0	5	0	0	10	0	0	0	0	0	0	0	0	5	0	0	0.8	4
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	10	5	5	5	0	5	0	10	0	5	0	10	10	0	15	5	10	1	1	0	4.85	15
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	5	15	10	0	0	0	0	1	10	10	0	5	15	0	0	0	0	10	10	10	5.05	11
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	40	10	0	15	0	0	0	3.25	3
Vac.vi	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0.1	2
moss	1	1	1	1	0	1	5	1	0	1	1	0	0	0	1	0	0	1	1	0	0.8	12
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0.2	4
grass	1	5	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	5	5	1	1.5	18
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	1	0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	0.3	6
Anem.n	1	1	1	1	1	5	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0.9	15
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	0	1	0	1	0	0	0	1	1	0	0	1	0	0	1	1	0	0	0.4	8
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	15	5	10	15	15	0	5	0	5	0	15	5	5	15	0	0	5	5	1	10	5.8	15
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	1	0	0	0	0	1	0	0	0	1	1	0	0	1	1	0	1	0.4	8
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	1	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0.55	3
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	1	1	0	0	0	1	0	1	1	0	1	1	1	0	1	0.45	9
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Mystery Hills Area continued)

PLT081	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	5	1	15	10	1	1	1	5	15	5	1	1	10	5	15	5	5	5	5	0	5.55	19
Bry.di	0	5	1	0	0	1	5	1	5	10	1	10	5	10	5	5	5	0	5	1	3.75	16
Cet.cu	1	1	1	5	5	5	5	1	0	1	5	5	1	1	1	1	1	1	0	5	2.3	18
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	1	0	1	1	5	1	0	1	5	0	1	1	1	0	0	0	1	0	1	0	1	18
Cet.ni	5	5	20	15	10	5	5	5	5	10	1	5	5	5	0	1	1	15	5	5	5.9	19
Cl.mit	1	1	5	15	10	5	5	5	1	1	5	5	10	1	5	1	5	10	15	20	6.3	20
Cl.ran	5	1	1	10	5	10	5	10	5	1	10	5	10	1	5	1	5	10	1	5	5.25	20
Cl.ste	15	0	0	0	1	5	10	15	0	0	30	5	15	0	1	1	5	10	5	15	6.65	14
Cla.gr	1	1	1	0	1	1	0	0	0	1	1	0	1	1	0	1	1	0	0	1	0.6	12
Cla.am	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0.25	5
Cla.un	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	0	1	0	0	1	0	5	1	0	1	1	1	5	1	0	1	1	1	1.1	14
Ste.al	5	5	1	0	5	0	5	1	1	5	5	5	1	1	5	1	0	15	1	1	3.15	17
Tha.ve	1	1	5	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1.4	20
Sal.ar	1	10	10	5	5	5	5	0	10	5	1	15	10	10	1	1	0	5	1	5	5.25	18
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	10	20	1	5	1	0	0	10	0	5	15	5	5	10	0	10	5	5	0	5	5.6	15
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	5	10	5	0	0	1	1	0	0	5	5	0	1	0	10	5	0	10	0	0	2.9	11
Emp.ni	0	0	10	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1.5	3
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	1	0	1	0	0	0	1	1	5	0	0	1	0	0	0	0	0	0	0	0.5	6
Ped.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
sedge	0	1	1	0	0	1	0	1	0	1	1	1	1	1	1	1	1	1	0	1	0.7	14
grass	1	1	1	5	0	1	1	5	1	1	1	1	5	5	1	1	1	1	1	5	1.95	19
Lois.p	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.2	4
Anem.n	0	0	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	5	1.3	18
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	5	1	1	0	1	0	1	0	1	0	0	0	0	0	1	0	0	0	0.6	8
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	5	5	1	1	5	10	10	1	5	5	5	5	0	1	5	20	5	0	15	1	5.25	18
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0.15	3
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	5	0	1	1	1	5	5	1	1	0	1	1	1	1	1	1	5	0	15	0	2.3	17
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0.1	3
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	1	1	0	1	0	0	0	0	1	0	1	0	1	1	0	0	0	0.35	7
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Mystery Hills Area continued)

PLT102	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	0	1	5	1	10	1	1	1	1	5	1	1	5	1	5	0	1	1	2.15	18
Bry.di	5	5	5	0	1	10	5	5	10	5	10	10	1	10	10	1	5	1	0	15	5.7	18
Cet.cu	0	1	0	1	1	0	0	0	1	1	1	1	0	1	1	1	0	0	1	1	0.6	12
Cet.er	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.is	0	1	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0.25	5
Cet.ni	5	5	5	1	5	5	10	1	5	5	5	5	1	5	1	5	5	5	1	5	4.25	20
Cl.mit	1	1	5	10	1	1	1	1	5	5	1	15	5	15	1	5	1	1	10	5	4.5	20
Cl.ran	1	1	1	1	1	1	1	1	1	1	1	5	1	1	5	5	1	1	1	1	1.6	20
Cl.ste	1	25	5	20	1	5	1	1	10	0	5	1	1	5	25	10	5	1	10	10	7.35	19
Cla.gr	1	0	0	1	1	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0.4	8
Cla.am	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0.2	4
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1	1	1	0.8	16
Ste.al	1	1	1	5	1	1	1	0	15	1	0	5	5	0	0	0	1	0	1	0	1.95	13
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1.2	20
Sal.ar	0	1	5	15	10	5	5	0	0	0	5	1	10	5	0	10	10	0	10	0	4.6	13
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	1	1	5	5	0	10	5	0	1	5	1	1	25	5	0	0	5	0	15	5	4.5	15
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0.2	4
moss	0	1	0	0	1	0	1	1	0	0	0	0	1	0	0	0	1	1	0	0	0.35	7
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	0	0	1	5	0.95	15
grass	1	5	1	5	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1.35	19
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	1	0	1	0	1	0	0	1	0	0	0	0	1	0	0	1	0.3	6
Anem.n	1	0	0	5	0	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0.8	12
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	0	0	0	0	5	5	1	1	0	0	0	1	0	0	0	0	1	1	0.8	8
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	15	1	15	0	0	10	20	5	5	10	20	5	5	5	1	15	25	1	10	10	8.9	18
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	1	1	0	0	1	1	1	1	0	0	1	0	0	0	1	0.4	8
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	1	0	1	0	0	0	1	0	1	0	15	5	5	0	0	0	1.45	7
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	2
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Mystery Hills Area continued)

PLT103	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	1	0	0	0	1	1	1	5	0	1	1	0	1	0	0	5	0	0	0.9	10
Bry.di	1	1	0	1	0	0	0	0	1	5	5	5	0	0	0	0	0	15	1	15	2.5	10
Cet.cu	1	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0	1	0	0	0	0.55	11
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	1	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.25	5
Cet.ni	1	1	5	10	1	1	10	5	5	5	1	1	1	5	5	5	5	5	1	1	3.7	20
Cl.mit	1	5	1	5	1	10	5	1	5	1	1	5	5	1	5	15	5	1	1	1	3.75	20
Cl.ran	0	1	1	1	1	1	1	5	0	5	1	1	1	1	1	5	1	0	1	0	1.4	16
Cl.ste	0	1	25	1	10	10	10	10	10	0	0	10	50	5	25	0	0	0	1	1	8.45	14
Cla.gr	1	0	1	1	0	1	0	1	1	1	0	0	1	0	1	1	0	1	1	0	0.6	12
Cla.am	0	1	1	0	0	1	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0.35	7
Cla.un	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0.25	5
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	0	1	0	0	0	1	0	0	1	0	0	0	0	1	1	1	0	0	0.4	8
Ste.al	1	5	1	5	5	20	1	5	1	10	0	0	5	1	5	10	0	5	1	0	4.05	16
Tha.ve	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Sal.ar	15	0	0	0	10	0	0	5	0	0	0	1	0	0	0	0	0	1	0	1	1.65	6
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	10	25	20	10	15	15	1	30	5	1	20	10	10	0	1	10	15	5	20	15	12.15	19
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0.15	3
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Vac.vi	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0.4	8
moss	0	5	1	5	0	1	0	1	1	0	0	0	0	0	0	0	1	1	1	0	0.85	9
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	0	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0.75	15
grass	1	1	1	1	5	5	0	1	0	1	1	5	1	0	1	1	1	0	1	1	1.4	16
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.15	3
Anem.n	1	0	1	1	1	1	1	1	1	0	0	1	1	0	1	1	0	1	0	0	0.65	13
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0.45	9
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	1	0	1	1	0	5	0	0	10	20	0	0	0	0	1	5	1	5	5	2.8	12
Arc.al	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0.5	1
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0.1	2
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	1	5	0	0	0	1	0	1	1	0	1	1	0	0	1	1	1	0	5	1	1	12
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0.1	2
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Mystery Hills Area continued)

PLT138	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	1	5	1	1	5	1	0	0	0	0	0	0	1	1	0	1	0	1	0.9	10
Bry.di	0	0	10	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0.7	5
Cet.cu	1	1	1	1	1	5	5	5	5	1	1	5	1	1	1	0	1	1	0	1	1.9	18
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9	18
Cet.ni	1	5	0	1	1	5	10	5	1	10	1	0	1	1	1	1	0	1	1	1	2.35	17
Cl.mit	15	25	10	1	1	1	0	5	5	10	10	15	5	1	5	1	1	5	15	1	6.6	19
Cl.ran	5	5	5	5	1	5	0	10	25	10	5	5	5	1	10	1	30	1	5	5	6.95	19
Cl.ste	1	50	1	25	20	1	10	15	10	15	5	45	50	10	10	5	5	30	15	50	18.4	20
Cla.gr	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	5	1	1.05	17
Cla.am	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0.2	4
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.1	2
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	1	0	0	0.25	5
Ste.al	20	1	10	0	1	0	5	0	1	1	10	0	0	5	0	0	1	20	1	1	3.85	13
Tha.ve	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	0.9	18
Sal.ar	0	1	10	0	0	1	0	5	0	0	0	15	0	0	0	10	0	1	5	0	2.4	8
Sal.re	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	15	0	15	10	5	15	10	10	20	0	15	0	10	5	0	10	15	15	0	5	8.25	15
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	1	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.35	3
Emp.ni	0	0	0	0	25	0	0	1	0	5	15	0	0	40	0	5	1	0	0	5	4.85	8
Vac.vi	1	1	0	1	0	0	1	0	1	1	1	0	1	0	1	0	1	1	1	1	0.65	13
moss	1	5	1	0	0	0	1	5	0	1	0	0	0	1	0	1	0	1	1	0	0.9	10
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	0	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	1	0.8	16
grass	1	0	1	1	1	1	1	1	1	1	1	10	1	1	1	1	5	0	10	1	2	18
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0.15	3
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	1	1	0	1	0	0	0	0	0	1	0	0	1	1	1	0	1	0	0.45	9
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	1	1	1	1	1	0	0	0	0	0	0	5	5	0	0	0	0	0	0.75	7
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	1	15	10	5	15	10	10	1	0	1	0	5	0	0	0	1	0	0	0	3.7	11
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	1	1	0	0	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0.3	6
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	5	0	0	0	1	0	1	0	20	15	1	0	5	0	0	0	5	1	5	5	3.2	11
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	5	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	5	0	0.8	4
Poly.v	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Mystery Hills Area continued)

PLT139	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	0	0	1	0	0	0	1	5	5	5	1	0	0	0	0	0	1	0	1.05	9
Bry.di	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0.25	5
Cet.cu	1	0	1	0	1	1	0	1	1	1	1	1	1	1	0	0	1	0	1	1	0.7	14
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0	0.8	16
Cet.ni	5	5	0	1	1	1	1	1	10	1	5	5	5	1	0	1	0	5	5	1	2.7	17
Cl.mit	1	1	1	5	5	1	5	5	5	1	5	5	5	1	5	1	1	1	5	1	3	20
Cl.ran	1	1	1	1	5	5	1	1	1	1	10	1	1	5	5	1	1	1	5	1	2.45	20
Cl.ste	1	25	5	5	25	20	25	15	5	1	25	10	15	5	5	5	10	1	20	1	11.2	20
Cla.gr	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	5	1	0	1	1.1	18
Cla.am	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0.3	6
Cla.un	0	0	1	0	0	0	1	0	1	0	0	0	0	0	5	0	0	0	0	0	0.4	4
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	0	0	0	0	0	0	0	1	1	0	1	1	0	0	30	0	1	1	1	1.9	9
Ste.al	1	1	1	1	1	0	5	10	5	0	1	5	5	1	10	0	5	0	1	0	2.65	15
Tha.ve	1	1	1	1	5	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1.1	18
Sal.ar	0	0	0	0	0	0	0	1	1	0	0	0	5	0	1	0	0	1	0	5	0.7	6
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dry.oc	50	15	5	0	5	10	0	10	1	1	20	5	15	15	5	0	25	5	10	40	11.85	17
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	40	0	0	0	0	2.05	2
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Emp.ni	0	5	15	50	5	15	10	0	0	0	0	0	1	10	40	25	15	0	0	0	9.55	11
Vac.vi	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0.9	18
moss	1	0	1	0	10	0	0	1	0	0	0	0	5	1	0	1	1	1	0	1	1.15	10
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	0	1	1	1	0	1	0	0	1	1	1	1	1	0	1	1	1	5	0.95	15
grass	0	1	0	5	1	5	1	1	0	1	1	1	1	0	15	1	0	1	1	1	1.85	15
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0.1	2
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	1	0	1	5	1	1	0	1	5	1	1	0	1	0	1	1	1	0	1.15	15
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	0	0	1	0	10	1	1	5	1	1	0	1	0	0	1	1	1	0	1.25	12
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	10	0	5	0	0	10	0	5	5	0	5	5	0	0	1	1	10	5	0	3.15	12
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	1	0	0.35	7
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Led.de	1	1	5	0	5	0	0	0	1	0	0	1	0	0	0	0	1	1	1	0	0.85	9
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Poly.v	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.15	3
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Mystery Hills Area continued)

PLT140	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	1	1	0	0	0	1	0	5	0	0	1	1	0	5	0	0	1	1	0.85	9
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0.25	1
Cet.cu	1	1	1	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	1	1	0.6	12
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	0	0	0	0	0.65	13
Cet.ni	1	1	5	5	5	1	0	5	1	5	5	1	1	1	0	10	1	5	15	1	3.45	18
Cl.mit	25	5	15	15	10	15	15	10	15	5	5	10	10	10	10	1	5	20	10	5	10.8	20
Cl.ran	5	5	5	5	5	15	5	5	10	5	1	5	5	10	10	1	10	10	1	5	6.15	20
Cl.ste	20	10	20	15	15	25	30	1	15	10	35	30	10	45	30	0	30	10	10	20	19.05	19
Cla.gr	5	1	1	1	1	1	1	0	1	0	1	1	1	1	0	0	5	1	0	1	1.15	15
Cla.am	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.1	2
Cla.un	1	0	1	0	0	0	1	1	1	0	0	0	1	1	5	0	0	1	1	1	0.75	11
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0.2	4
Ste.al	5	5	5	5	1	5	1	1	5	15	0	1	15	5	1	5	0	10	15	1	5.05	18
Tha.ve	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0.85	17
Sal.ar	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0.75	3
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	1	10	5	20	10	15	10	10	1	10	15	20	10	10	0	30	1	5	10	10	10.15	19
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	15	0	0	0	1	1	1	1	0	1	5	0	1	0	1	1	5	5	0	1.95	13
Emp.ni	0	0	0	0	0	0	5	10	0	0	0	0	0	0	5	0	0	0	0	0	1	3
Vac.vi	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	5	1	16
moss	0	1	0	0	1	1	1	5	0	0	0	0	0	0	0	0	0	0	0	1	0.5	6
Ped.	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0.15	3
sedge	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0.85	17
grass	15	1	1	1	1	10	1	0	1	1	1	1	1	1	1	1	1	1	0	0	2	17
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	1	1	5	1	0	1	1	0	1	0	1	0	0	1	1	0	0	0	0.75	11
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0.25	1
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	5	1	1	0	0	0	5	1	5	1	0	0	5	0	5	0	5	5	1	3.25	12
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0.2	4
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	5	0	5	1	1	1	0	20	5	5	1	0	0	0	0	15	1	0	5	3.25	12
Min.ar	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	5	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0.35	3
Poly.v	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2

Appendix 1. (Mystery Hills Area continued)

PLT141	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.1	2
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0.25	1
Cet.is	1	1	0	1	1	0	0	1	1	5	1	1	1	0	1	0	1	1	0	0	0.85	13
Cet.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	5	1	0	0	0.6	4
Cl.mit	20	15	20	20	15	15	10	25	25	20	15	35	30	20	15	1	5	20	20	30	18.8	20
Cl.ran	1	5	10	15	5	5	5	5	5	5	5	1	5	10	1	0	1	10	10	1	5.25	19
Cl.ste	1	30	35	30	10	10	20	5	20	10	10	20	20	25	1	0	1	20	25	1	14.7	19
Cla.gr	1	1	1	1	1	1	5	10	0	1	5	1	0	1	1	0	5	1	0	1	1.85	16
Cla.am	1	0	0	0	0	0	1	0	0	0	5	0	0	0	0	0	0	0	0	1	0.4	4
Cla.un	1	0	0	1	1	1	0	1	0	5	0	1	1	1	1	0	0	0	1	1	0.8	12
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0.1	2
Ste.al	25	1	5	5	5	25	0	5	5	10	15	5	1	1	1	1	10	0	1	5	6.3	18
Tha.ve	1	1	1	1	0	1	1	0	1	0	1	1	1	0	1	15	1	1	1	1	1.5	16
Sal.ar	0	1	1	5	20	35	10	10	0	10	0	0	0	0	0	15	5	1	0	5	5.65	12
Sal.re	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	2
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	25	10	0	0	0	0	0	1	0	15	0	0	10	0	0	5	25	10	10	0	5.55	9
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	1	1	5	0	1	0	0	5	0	1	0	0	0	0	0	1	1	0	0	0.8	8
Emp.ni	0	0	0	10	0	0	0	5	0	1	0	0	0	0	5	0	0	0	0	0	1.05	4
Vac.vi	1	0	0	1	0	0	1	1	0	1	1	1	1	1	0	1	0	0	1	1	0.6	12
moss	0	1	0	0	1	0	1	0	0	1	1	0	0	0	0	1	1	0	5	1	0.65	13
Ped.	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	0.8	16
sedge	0	0	0	1	0	1	1	0	1	0	1	1	0	1	0	1	5	0	0	0	0.65	9
grass	1	0	5	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	16
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	5	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1.1	18
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0.3	6
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	5	0	0	0	0	0	5	1	0	1	0	0	1	0	0	1	0	0	0	1	0.75	7
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0.15	3
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	1	0	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	5	0.65	9
Poly.v	0	0	0	0	1	0	1	1	0	0	0	1	0	1	1	0	0	1	0	0	0.35	7
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1

Appendix 1. (Mystery Hills Area continued)

PLT142	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0.9	18
Cet.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0.15	3
Cl.mit	5	5	5	5	1	20	5	15	30	5	10	15	1	5	5	5	15	10	5	5	8.6	20
Cl.ran	1	1	1	1	1	1	5	1	5	1	1	5	1	1	1	1	1	1	1	1	1.6	20
Cl.ste	50	20	50	35	30	45	45	30	30	20	30	1	1	30	10	15	25	10	1	25	25.15	2
Cla.gr	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0	0	1	1	0	0.75	15
Cla.am	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cla.un	0	1	0	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1	0.3	6
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	5	20	5	1	5	1	5	5	10	5	5	25	5	5	5	1	10	10	10	1	6.95	20
Tha.ve	1	1	1	1	1	1	1	1	1	0	1	1	5	1	1	0	1	1	1	1	1.1	18
Sal.ar	0	5	0	0	5	5	5	5	5	1	5	10	0	0	0	0	0	5	0	0	2.55	10
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	0	1	15	15	5	5	1	5	5	5	0	45	0	5.1	10
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	5	0	5	5	0	0	5	5	1	1	5	1	1	5	0	5	5	1	1	0	2.55	15
Emp.ni	20	1	10	20	25	5	10	15	5	20	20	1	0	20	60	25	25	25	0	25	16.6	18
Vac.vi	1	1	1	0	1	1	1	1	1	1	0	5	0	0	1	1	1	1	1	1	1	16
moss	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0.15	3
Ped.	1	0	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0.25	5
sedge	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0.3	6
grass	5	0	1	1	0	5	0	1	1	0	1	0	1	1	15	1	1	1	1	1	1.85	15
Lois.p	1	0	0	1	0	1	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0.4	8
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	1	0	5	0.65	9
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	1	1	0	0	0	0	0	0	0	1	1	10	1	0	10	10	1	0	0	1.8	9
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	1	0	0	0.2	4
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	1	1	1	5	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.5	6
Poly.v	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0.2	4
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0.1	2
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

4) Russian Mountains Potential Caribou Winter Habitat Area

PLT065	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	5	1	5	5	5	1	1	1	10	5	1	5	1	1	0	1	1	5	0	1	2.75	18
Bry.di	0	1	0	1	5	10	10	1	1	0	10	1	5	5	1	25	20	10	10	1	5.85	17
Cet.cu	1	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0.35	7
Cet.er	1	0	0	1	1	1	0	1	1	1	0	1	0	1	0	0	0	0	0	1	0.5	10
Cet.is	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cet.ni	10	1	1	10	5	5	5	5	20	15	10	10	1	1	1	1	10	5	5	1	6.1	20
Cl.mit	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cl.ran	20	0	5	1	1	1	5	0	10	15	1	5	1	0	0	0	1	1	10	1	3.9	15
Cl.ste	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gr	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0.15	3
Cla.am	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1	2
Cla.un	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0.2	4
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	10	0.65	4
Sph.gl	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1.4	19
Ste.al	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Tha.ve	1	1	0	5	1	1	1	1	5	5	1	1	5	1	1	1	1	1	1	1	1.75	19
Sal.ar	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0.7	14
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	5	10	1	1	1	1	1	10	1	10	1	1	10	1	0	0	1	0	5	0	2.95	16
Ped.	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	0	0	1	0	0	0.3	6
sedge	1	10	1	5	5	1	1	10	1	5	5	10	1	1	20	5	10	1	5	1	4.95	20
grass	5	1	1	1	1	0	1	0	1	5	0	1	1	1	0	0	0	0	0	0	0.95	11
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Anem.n	1	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0.4	8
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	5	1	1	1	1	1	1	0	0	1	0	1	1	0	1	5	1	1	1	1.15	15
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	5	5	15	25	40	25	5	20	0	45	15	20	20	0	30	0	60	25	15	18.5	17
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0.25	1
Min.ar	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	10	0	0	0	0.6	3
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Russian Mountians Area continued)

PLT066	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	5	0	0	5	5	0	1	5	1	1	0	1	5	1	1	1	1	1	0	1.75	15
Bry.di	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	5	0	0	0	0	0.4	4
Cet.cu	0	0	1	0	1	0	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0.3	6
Cet.er	1	0	0	1	0	1	0	1	0	1	0	0	1	1	0	0	0	1	1	1	0.5	10
Cet.is	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.ni	5	10	10	1	5	10	5	1	2	20	1	1	5	5	10	10	1	1	10	1	6.6	20
Cl.mit	0	0	0	0	0	0	0	0	5	1	0	0	0	1	0	1	0	0	0	0	0.4	4
Cl.ran	20	5	1	1	0	5	0	0	5	15	0	0	0	5	1	5	0	1	10	1	3.75	13
Cl.ste	1	5	0	1	0	0	0	0	1	1	0	0	0	5	0	0	0	0	0	0	0.7	6
Cla.gr	0	0	1	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0.25	5
Cla.am	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0.1	2
Cla.un	0	0	1	1	0	0	1	0	1	1	1	0	1	0	0	1	1	1	0	0	0.5	10
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	0	0	0.5	2
Sph.gl	1	0	1	0	1	1	1	1	1	1	1	1	1	0	1	5	0	0	1	0	0.9	14
Ste.al	1	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	1	0	0	0.3	5
Tha.ve	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1.15	19
Sal.ar	1	0	1	1	1	0	1	1	1	0	1	1	0	1	1	5	1	0	1	0	0.9	14
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	10	0	15	0	0	0	0	0	0	0	0	1	1.3	3
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	1	1	1	5	1	1	0	1	0	1	0	0	1	1	0	0	1	10	1	1	1.35	14
moss	10	20	1	1	15	5	0	0	0	5	5	10	1	20	1	0	15	5	5	1	6	16
Ped.	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.2	4
sedge	5	0	5	1	10	10	1	5	10	10	1	10	5	5	5	0	5	15	15	5	6.15	18
grass	5	0	0	0	5	0	0	0	0	1	1	1	0	1	5	0	0	0	10	0	1.45	8
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0.25	5
Anem.n	1	0	1	0	0	0	1	1	1	1	0	0	0	0	1	1	1	0	1	0	0.5	10
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	1	0	1	1	1	1	0	0	1	1	1	0	1	1	1	10	0	0	1.05	15
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	5	10	20	1	15	50	50	10	5	10	15	10	0	40	0	10	15	1	0	13.3	16
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PLT067	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	1	0	1	5	1	0	0	0	5	1	1	0	0	0	1	1	0	0.85	9
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	1	0	1	1	1	0	1	0	0	0	1	0	0	0	0	0	1	0	0.35	7
Cet.er	1	0	1	1	0	1	1	1	0	1	1	1	1	0	1	0	1	1	1	0	0.7	14
Cet.is	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.ni	1	1	0	1	1	0	1	5	0	0	0	1	1	1	5	1	0	0	0	0	1.25	13
Cl.mit	5	1	5	15	1	5	5	1	1	5	1	5	1	5	1	0	1	5	1	1	3.25	19
Cl.ran	10	1	10	10	5	10	5	5	5	5	1	5	10	10	10	1	5	5	5	1	5.95	20
Cl.ste	25	1	15	5	1	10	1	10	5	5	5	5	15	5	10	10	5	0	35	15	9.15	19
Cla.gr	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	0	0.8	16
Cla.am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Cla.un	1	1	1	0	0	1	0	0	1	1	5	0	0	0	1	0	0	0	0	0	0.6	8
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	1	0	10	0	0	0.8	7
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Ste.al	5	20	5	20	5	15	1	0	25	5	30	1	0	0	15	0	5	5	5	1	9.15	17
Tha.ve	1	1	1	0	1	1	1	1	1	1	1	1	5	1	1	1	1	5	1	1	1.35	19
Sal.ar	1	1	0	1	1	1	1	1	1	0	5	0	1	0	1	5	0	1	0	0	1.05	13
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	5	5	1	0	0	5	0	5	10	5	0	5	5	1	1	0	5	0	0	0	2.65	12
Emp.ni	30	5	25	0	10	0	0	15	35	25	35	0	0	0	25	1	0	0	15	65	14.3	12
Vac.vi	1	1	1	0	0	0	0	1	1	1	1	0	1	0	1	0	0	1	0	0	0.5	10
moss	0	0	0	0	0	0	15	0	0	0	0	1	0	0	0	1	1	1	1	0	1	6
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	0	1	0	5	1	1	5	0	0	1	0	1	0	5	0	1	1	0	1	1	1.2	12
grass	0	0	0	1	1	0	0	0	0	0	5	1	0	5	0	0	1	0	5	1	1.05	9
Lois.p	0	25	0	10	30	1	25	20	5	1	0	0	15	0	10	0	1	0	0	0	7.4	12
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Anem.n	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0.25	5
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.1	2
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	5	0	1	0	1	5	5	5	0	0	0	15	0	5	5	20	0	5	0	0	3.6	11
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0.2	4
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	5	0	1	0	1	5	0	0	5	1	5	0	0	0	10	0	0	0.5	8
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Russian Mountains Area continued)

PLT068	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	5	5	5	5	0	2	5	0	5	10	1	0	1	0	0	0	1	10	15	4.45	14
Bry.di	5	5	10	5	0	0	1	1	0	1	5	1	0	0	0	0	1	0	1	0	1.8	11
Cet.cu	0	1	5	1	0	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	16
Cet.er	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	0.65	13
Cet.is	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
Cet.ni	1	5	5	10	5	1	5	10	1	1	1	1	5	1	1	1	5	1	1	5	3.3	20
Cl.mit	0	0	1	1	1	0	5	1	0	1	0	1	1	5	0	0	5	0	1	0	1.45	13
Cl.ran	0	1	1	1	1	1	1	1	1	1	5	1	1	1	1	0	5	0	1	5	1.45	17
Cl.ste	0	0	1	1	1	0	10	1	15	1	10	1	1	1	0	0	5	1	0	25	3.95	15
Cla.gr	0	0	1	0	0	1	1	0	0	0	1	1	0	0	1	0	0	1	0	0	0.3	6
Cla.am	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	1	0	0	0.25	5
Cla.un	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sph.gl	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0.85	17
Ste.al	1	1	5	0	0	1	10	10	0	0	1	0	1	20	0	0	20	0	5	1	3.8	12
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	1	5	5	0	10	0	1	0	0	0	0	1	0	1	1	5	0	0	1	0	1.55	10
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	60	0	10	25	0	65	5	30	15	20	10	20	65	10	15	10	15	15	1	20	20.5	18
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	1	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0.3	2
Emp.ni	0	0	0	0	15	1	0	0	0	0	0	0	5	0	0	0	0	0	0	0	1.05	3
Vac.vi	0	1	1	1	1	1	1	5	0	0	0	1	0	1	0	0	1	0	1	0	0.75	11
moss	0	0	1	0	1	1	1	1	1	1	1	1	1	1	5	1	0	0	0	1	0.9	14
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
sedge	1	1	0	5	5	1	5	5	5	5	5	1	1	1	1	0	5	1	0	5	2.85	17
grass	1	1	0	0	0	1	0	0	1	5	5	1	5	5	5	0	1	1	5	1	1.9	14
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Anem.n	0	1	0	0	0	1	1	0	1	0	0	0	1	1	1	5	0	1	0	0	0.65	9
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	5	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1	0	0.45	5
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	20	20	10	0	5	1	1	0	1	0	0	0	10	20	1	5	0	5	0	4.95	12
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	1	0.55	2
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1	2
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	1	0	1	0	0	0	1	0	5	1	0	20	1	10	1	2.05	9
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.1	2
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	0.35	3
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Russian Mountains Area continued)

PLT069	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	5	1	5	10	1	1	0	1	1	5	10	10	1	1	5	1	1	10	5	3.75	19
Bry.di	10	0	5	0	1	0	0	1	10	25	5	1	0	0	0	0	0	0	5	0	3.15	9
Cet.cu	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	0.9	18
Cet.er	0	1	0	0	1	0	1	1	0	0	0	0	1	1	1	1	1	0	1	0	0.5	10
Cet.is	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.1	2
Cet.ni	1	5	10	10	5	1	1	10	5	5	5	20	5	1	0	10	1	1	5	5	5.3	19
Cl.mit	1	1	5	5	5	1	5	1	1	1	1	5	10	1	1	1	5	1	5	1	2.85	20
Cl.ran	5	5	5	10	10	10	10	5	1	1	1	10	5	5	5	5	15	5	10	10	6.65	20
Cl.ste	1	5	5	1	5	25	15	1	1	1	1	5	20	45	60	50	45	40	15	10	17.5	20
Cla.gr	0	1	0	1	0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	0	0.3	6
Cla.am	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0.1	2
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0.2	4
Ste.al	1	1	0	1	0	5	1	1	5	1	1	1	1	20	0	1	1	1	5	1	2.65	18
Tha.ve	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Sal.ar	25	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1.45	6
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	45	20	0	15	10	25	0	40	0	0	5	15	15	20	0	20	15	5	5	12.7	14
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	1	1	5	1	1	1	0	10	1	10	0	5	1	1	1	0	1	5	1	2.8	17
moss	1	1	1	0	0	5	1	5	0	1	1	1	1	1	0	1	1	5	5	1	1.6	16
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
sedge	1	1	0	0	0	1	1	0	0	0	1	1	1	0	0	0	1	1	1	0	0.5	10
grass	10	5	10	0	10	25	5	5	0	0	5	5	20	5	5	5	1	10	15	10	7.55	17
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	0	0	0	0	1	0	0	0	1	1	1	1	0	1	0	1	0	1	0.45	9
Anem.n	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0.75	16
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	0	1	0	0	0	1	1	5	1	1	1	0	0	0	0	0	0	0	0.6	8
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	10	10	0	1	15	0	5	20	10	10	0	0	20	0	0	5	0	0	0	0	5.3	10
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0.2	4
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	15	0	0	10	0	0	0	0	0	0	0	0	0	0	0	1.25	2
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Russian Mountains Area continued)

PLT070	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	5	1	1	5	5	5	1	1	1	1	1	0	1	5	0	1	1	1	1	1	1.95	18
Bry.di	5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.3	2
Cet.cu	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	1	0	0	0	1	0.3	6
Cet.er	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0.85	17
Cet.is	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.ni	5	5	1	5	15	5	10	1	5	5	5	0	5	10	20	10	0	25	1	35	8.4	18
Cl.mit	5	5	0	0	5	1	0	0	5	10	1	10	15	15	1	0	5	10	1	5	4.7	15
Cl.ran	1	1	0	1	5	1	0	1	5	5	5	10	10	10	1	1	10	15	10	0	4.6	3
Cl.ste	5	0	0	1	10	1	0	1	5	15	5	35	25	25	0	0	45	0	70	5	12.4	14
Cla.gr	1	0	1	0	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	0	0.7	14
Cla.am	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	2
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0.25	1
Sph.gl	1	1	1	1	1	1	5	1	1	0	0	0	0	1	1	1	0	1	0	0	0.85	13
Ste.al	1	1	1	1	1	0	1	1	0	1	1	0	5	1	10	1	15	1	1	1	2.2	17
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	1	1	0	5	0	1	5	1	5	1	5	0	0	1	1	10	0	0	0	0	1.85	12
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10	0	1	2
Dry.oc	5	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	5	0	0	1	4
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Emp.ni	0	0	0	0	0	20	0	0	20	30	25	0	0	5	5	0	0	0	0	0	5.25	6
Vac.vi	1	1	1	1	0	0	1	1	0	0	1	1	1	1	0	0	0	1	0	1	0.6	12
moss	0	0	0	1	1	1	0	1	1	0	5	0	1	5	1	0	1	0	1	5	1.2	12
Ped.	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	2
sedge	1	1	1	0	1	1	0	1	1	1	1	1	5	0	5	1	1	1	1	1	1.25	17
grass	1	1	1	0	0	5	0	5	5	5	5	1	1	15	5	1	1	5	1	5	3.15	17
Lois.p	1	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5	0	0	0.55	3
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	0	0	1	0	0.25	5
Anem.n	0	1	1	0	1	0	1	1	0	1	1	1	1	0	0	0	1	0	0	1	0.55	11
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	5	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.35	3
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	10	20	20	65	15	5	30	1	0	5	0	0	10	0	5	10	1	0	1	0	9.9	14
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	1	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0.3	6
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	5	5	0	0	1	10	1	0	0	10	0	0	0	0	0	1	0	0	0	0	1.65	7
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0.25	1
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Russian Mountains Area continued)

PLT071	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	0	1	1	0	0	1	0	0	0	0	0	0	1	1	1	0	0	1	0.45	9
Bry.di	1	1	1	1	1	5	1	10	0	1	0	1	5	1	10	5	1	15	0	0	3	18
Cet.cu	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	1	1	0	0	0.3	6
Cet.er	1	0	1	0	1	0	0	0	1	1	1	0	1	1	1	0	1	0	0	1	0.55	11
Cet.is	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.ni	5	1	5	1	5	1	5	0	5	1	1	5	5	5	5	1	5	1	1	5	3.15	19
Cl.mit	15	0	0	0	1	1	0	0	1	5	1	0	1	0	0	0	5	0	1	5	1.8	10
Cl.ran	15	0	0	0	1	1	1	1	1	5	5	1	5	1	1	1	5	0	5	5	2.7	16
Cl.ste	1	0	0	0	0	0	0	1	0	1	5	0	0	1	0	1	5	0	5	10	1.5	9
Cla.gr	1	1	0	0	0	1	1	1	1	0	1	1	1	1	0	1	0	0	1	1	0.65	13
Cla.am	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.15	3
Cla.un	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0.15	3
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	1	0	1	1	5	1	1	1	1	1	1	1	1	1	0	1	1	1	1.1	18
Ste.al	1	1	1	1	1	1	1	1	5	5	1	5	1	1	5	10	1	0	0	0	2.1	17
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	1	1	0	1	1	5	0	0	1	5	10	1	5	5	5	1	1	0	2.15	14
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	20	5	0	1	10	15	20	0	0	20	10	5	5	20	15	0	0	0	25	15	9.3	14
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Vac.vi	0	1	5	5	1	1	1	5	1	5	5	5	1	0	1	5	5	5	1	1	2.7	18
moss	0	0	1	5	0	1	15	1	0	5	5	1	5	0	1	1	0	0	5	1	2.35	13
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	25	25	1	20	5	5	5	10	1	1	5	1	10	1	1	1	5	1	1	6.25	20
grass	1	1	0	1	5	1	1	5	1	5	5	1	1	1	1	1	1	1	10	5	2.4	19
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	2
Anem.n	0	0	0	1	1	0	1	1	5	5	5	1	1	1	1	1	1	1	1	1	1.4	16
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	1	5	1	0	0	5	1	0	0	5	5	5	0	0	1	1	0	0	1.5	10
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	5	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	15	25	0	0	3	4
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	1	0	0	1	1	0	0	0	1	0	0	1	1	0	0	1	0.35	7
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Russian Mountains Area continued)

PLT072	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	5	5	1	1	5	10	10	10	10	5	5	5	15	1	10	5	5	10	5	6.2	20
Bry.di	1	5	5	5	1	0	5	1	0	1	5	5	5	1	10	1	0	5	0	5	3.05	16
Cet.cu	1	1	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0.3	6
Cet.er	1	1	0	1	1	1	1	0	1	1	1	1	0	1	5	1	1	0	1	0	0.95	15
Cet.is	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.ni	10	5	5	5	1	1	5	5	5	5	5	5	1	1	1	5	1	5	5	5	4.05	20
Cl.mit	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cl.ran	5	0	1	1	0	1	1	0	1	1	1	1	0	1	0	1	0	1	1	1	0.9	14
Cl.ste	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0.2	4
Cla.gr	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0.25	5
Cla.am		1	0	0	1	0	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0.35	7
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1	0	1	1	1	1.15	19
Ste.al	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	1	1	0.35	7
Tha.ve	1	5	1	1	1	1	1	5	1	1	1	1	1	1	1	1	5	1	1	1	1.6	20
Sal.ar	1	1	5	5	10	5	5	10	1	10	10	1	1	5	10	1	1	1	10	0	4.65	19
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0.15	3
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	1	5	1	1	1	1	1	1	1	1	1	1	5	5	1	1	1	1	5	0	1.9	19
moss	0	1	0	1	1	5	5	1	1	1	5	1	0	0	1	1	1	1	0	0	1.3	14
Ped.	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1	0	1	0	0	0.05	1
sedge	1	1	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	1	1	0	0.45	9
grass	5	1	0	0	0	0	1	0	0	1	0	5	1	0	1	0	1	1	1	0	0.9	10
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Oxy.ni	1	0	1	0	1	0	1	1	1	1	0	1	1	1	0	0	1	0	0	0	0.55	11
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	10	20	15	20	35	40	20	35	45	15	0	15	30	20	10	20	25	30	15	0	21	18
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	1	0	0	1	0	1	0	1	1	1	0	0	0	1	0	1	0	1	0	0.5	10
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	1	1	5	5	0	1	1	0	0	0	0	0	0	0	0	10	0	0	0	0	1.2	7
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Russian Mountains Area continued)

PLT073	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	10	5	0	0	1	0	1	1	1	10	5	1	0	0	0	0	0	0	1	1.85	11
Bry.di	1	1	0	0	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	1	0.35	7
Cet.cu	0	0	1	0	0	0	1	0	0	0	0	0	1	1	1	0	0	1	0	0	0.3	6
Cet.er	1	1	1	1	1	1	1	1	0	0	0	1	1	0	1	0	1	0	1	1	0.7	14
Cet.is	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.ni	5	5	5	5	1	1	1	1	5	5	0	5	1	5	1	1	1	1	1	1	2.8	20
Cl.mit	0	1	5	5	0	5	5	5	5	0	1	20	5	5	20	5	5	5	10	5	5.6	17
Cl.ran	1	10	15	10	15	15	10	25	5	0	5	20	15	35	35	20	25	15	25	15	15.8	19
Cl.ste	1	10	5	5	40	5	10	40	5	0	1	25	60	5	20	40	30	50	45	30	21.3	19
Cla.gr	0	1	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0.4	8
Cla.am	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0.2	4
Cla.un	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	1	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	1	0.35	7
Ste.al	5	5	0	20	0	10	0	1	5	5	1	5	5	5	1	0	0	0	0	0	3.4	12
Tha.ve	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0.9	18
Sal.ar	1	0	0	10	0	10	5	0	15	5	5	1	0	0	0	0	0	0	0	0	2.6	8
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	10	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0.6	3
Dry.oc	0	15	0	0	0	0	0	0	30	0	0	0	0	1	0	0	0	0	0	1	2.35	4
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	10	1	0	0	0	0.6	3
Vac.vi	1	5	1	1	5	1	1	5	0	1	1	1	1	0	1	0	1	1	1	1	1.2	17
moss	0	0	0	0	1	0	5	1	0	0	0	0	1	1	0	0	0	1	1	1	0.6	8
Ped.	0	0	0	0	1	1	1	0	0	0	0	1	0	1	1	0	1	0	1	0	0.4	8
sedge	1	1	1	1	0	1	1	1	0	1	1	5	1	1	1	1	1	1	1	1	1.1	18
grass	1	5	1	1	0	5	5	1	5	1	1	1	10	1	5	1	5	5	10	5	3.45	19
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	1	0	0	1	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0.35	7
Anem.n	1	1	1	1	5	1	5	1	0	0	0	1	1	1	0	0	1	1	1	1	1.15	15
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	5	0	0	0	0	10	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0.95	6
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	30	10	0	0	0	5	10	0	0	45	10	0	0	0	0	0	0	0	0	5	5.75	7
Arc.al	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	1	1	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0.4	8
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	1	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0.3	2
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Russian Mountains Area continued)

PLT074	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	1	0	0	0	0	1	0	0	0	5	0	0	0	1	0	0	0	0	0	0.4	4
Bry.di	1	0	1	1	0	0	0	0	0	0	10	0	1	0	1	1	0	5	0	1	1.1	9
Cet.cu	0	0	0	0	1	0	1	0	1	1	0	0	0	0	1	0	0	1	0	1	0.35	7
Cet.er	0	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0.65	13
Cet.is	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0.15	3
Cet.ni	5	1	5	1	5	5	5	1	1	1	5	0	10	1	1	10	1	1	1	1	3.05	19
Cl.mit	0	5	5	5	5	5	5	5	10	0	0	1	5	5	5	5	1	1	0	0	3.4	15
Cl.ran	5	15	5	5	20	25	5	30	10	1	1	5	15	5	10	5	1	10	1	1	8.75	20
Cl.ste	5	65	20	1	15	20	55	5	5	1	5	35	1	55	25	10	1	15	1	45	19.2	20
Cla.gr	1	1	1	1	0	0	1	1	1	0	0	0	1	0	1	1	0	1	0	1	0.6	12
Cla.am	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0.3	6
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1	0	1	0	0.35	7
Ste.al	0	0	15	15	1	1	10	10	5	1	5	5	1	1	1	15	25	1	1	1	5.7	18
Tha.ve	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Sal.ar	0	0	0	10	0	0	0	1	0	15	0	0	5	0	0	0	5	15	0	5	2.8	7
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0.55	2
Dry.oc	30	1	10	5	0	0	5	0	25	20	30	25	5	0	0	10	0	5	15	0	9.05	13
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	1	5	5	1	5	1	1	1	1	1	1	5	1	1	5	5	5	1	0	1	2.35	19
moss	0	1	1	1	1	1	0	0	0	1	1	0	5	1	1	1	1	5	1	0	1.1	14
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
sedge	1	0	1	5	1	1	5	1	1	0	1	1	1	1	0	5	5	0	1	1	1.6	16
grass	1	5	1	5	1	1	5	5	1	1	1	5	5	5	10	5	1	5	5	5	3.65	20
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0.15	3
Anem.n	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0.95	19
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	5	0	1	0.55	7
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55	11
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0.15	3
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0.25	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Russian Mountains Area continued)

PLT075	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	5	10	5	15	1	1	0	1	5	15	1	0	1	10	5	20	1	5	5	5	5.55	18
Bry.di	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	5	0.35	3
Cet.cu	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0.75	15
Cet.er	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	0	0.75	15
Cet.is	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0.1	2
Cet.ni	5	10	5	10	10	5	1	5	5	10	5	5	5	5	10	10	1	10	10	5	6.6	20
Cl.mit	0	5	10	10	1	0	5	5	5	0	5	5	1	10	5	1	5	1	1	1	3.8	17
Cl.ran	1	5	5	1	1	1	1	25	10	1	1	15	5	10	5	1	10	5	1	1	5.25	20
Cl.ste	0	15	15	0	0	0	15	5	5	0	0	10	25	10	10	1	50	0	0	0	8.05	11
Cla.gr	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0	1	1	0	.1	0.6	12
Cla.am	0	1	0	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	1	1	0.35	7
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	1	1	0	5	1	0	1	1	1	0	0	1	0	1	0	1	1	1	0.9	14
Ste.al	0	0	1	5	1	0	1	1	1	1	0	0	1	1	0	1	0	1	1	1	0.85	13
Tha.ve	1	1	1	1	5	1	1	1	5	5	1	1	1	1	1	1	1	1	1	0	1.55	19
Sal.ar	1	1	0	1	0	0	1	1	0	0	1	0	0	1	1	0	1	5	1	0	0.8	12
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	5	0	0	0	0	10	0	0	0	0	0	0	0	0.75	2
Dry.oc	10	1	10	5	20	20	20	0	10	15	5	0	10	0	10	20	5	1	25	25	10.6	17
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	0	1	1	1	0	1	0	0	1	0	1	1	1	1	1	1	0	0	0.55	11
moss	1	5	5	5	1	1	0	1	1	1	1	1	0	1	15	0	0	1	0	0	2	14
Ped.	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	1	1	0	0	1	0	1	1	1	1	1	1	0	1	1	1	1	1	0.8	16
grass	5	1	1	1	0	5	1	10	1	5	10	5	1	5	5	1	10	5	1	1	3.7	19
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	1	1	1	1	1	0	1	1	1	1	0	1	0	1	1	1	0	1	0.8	16
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	5	0	0.35	3
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	10	0	10	0	0	0	1	20	0	0	0	0	10	1	5	0	5	10	15	4.35	10
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	0	1	0	0	0	1	1	1	0	1	0	1	0	0	0	1	0	1	0.45	9
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Led.de	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Russian Mountains Area continued)

PLT076	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	0	0	5	1	5	5	1	10	10	10	5	5	5	5	1	10	1	1	4.1	18
Bry.di	0	0	0	10	10	15	1	1	0	0	0	0	15	5	1	5	5	1	0	1	3.5	12
Cet.cu	0	0	0	0	0	0	1	0	1	0	0	1	0	1	1	1	1	1	0	1	0.45	9
Cet.er	1	1	1	0	1	1	0	1	1	1	1	1	0	1	0	0	0	1	1	1	0.7	14
Cet.is	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0.2	4
Cet.ni	1	5	1	5	10	10	10	20	10	15	10	5	10	10	5	5	5	5	1	15	7.9	20
Cl.mit	1	5	1	1	1	1	1	0	5	10	1	1	0	0	1	1	1	1	1	1	1.7	17
Cl.ran	5	1	1	1	1	1	10	1	15	10	5	1	1	1	1	1	1	1	5	1	3.2	20
Cl.ste	20	0	1	0	0	0	1	0	1	15	10	1	1	0	5	5	0	1	1	1	3.15	13
Cla.gr	5	5	0	0	0	0	1	0	1	0	1	1	0	1	0	0	0	0	0	0	0.75	7
Cla.am	1	1	1	0	1	1	0	0	0	1	1	1	0	0	0	1	1	0	0	0	0.5	10
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sph.gl	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	1	0.8	16
Ste.al	1	20	10	1	1	1	0	0	1	1	1	1	15	1	5	1	0	5	10	1	3.8	17
Tha.ve	1	1	1	1	1	1	1	1	1	1	5	1	1	5	1	1	1	1	1	1	1.4	20
Sal.ar	0	0	5	1	1	1	1	0	5	1	1	5	5	1	5	1	1	5	5	1	2.25	17
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Vac.vi	1	1	1	1	0	1	1	1	0	1	1	0	1	1	1	1	0	1	1	1	0.8	16
moss	1	1	5	1	0	5	0	1	1	5	5	0	0	1	0	1	0	0	1	0	1.4	12
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	5	1	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	16
grass	1	0	0	0	0	1	1	1	0	0	1	1	1	5	1	1	1	1	0	0	0.8	12
Lois.p	0	5	0	0	0	0	0	0	5	1	0	1	0	0	0	0	0	0	0	0	0.6	4
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Anem.n	1	0	0	0	1	1	1	1	1	1	1	0	0	1	0	1	0	0	1	1	0.6	12
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	5	1	1	1	5	1	0	0	0	0	1	1	5	1	1	1	0	1	1.25	13
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	0	1	0	20	5	25	15	5	0	10	15	20	25	25	10	25	15	35	15	13.3	17
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	1	1	0	1	0	0	1	0	0	0	1	1	0	1	1	0	1	0.45	9
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Russian Mountains Area continued)

PLT077	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	5	1	1	1	10	0	1	5	5	1	1	5	0	0	1	0	1	10	0	5	2.65	15
Bry.di	0	0	0	0	1	10	0	1	0	0	0	0	0	15	15	15	1	0	0	0	2.9	7
Cet.cu	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Cet.er	0	1	0	0	1	1	1	1	1	0	1	1	1	0	0	0	0	1	1	0	0.55	11
Cet.is	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0.25	5
Cet.ni	1	5	5	5	15	10	1	20	5	5	5	5	5	1	10	5	1	1	5	5	5.75	20
Cl.mit	5	10	15	0	1	5	0	20	20	20	20	0	15	0	1	0	0	0	1	20	7.65	13
Cl.ran	15	5	15	1	5	5	1	10	15	15	20	1	20	1	1	1	0	1	1	20	7.65	19
Cl.ste	60	15	1	0	10	1	0	5	1	5	5	1	20	0	0	0	0	0	1	20	7.25	13
Cla.gr	0	1	0	0	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	5	0.65	9
Cla.am	1	0	1	0	1	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0.3	6
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5	0	0	0	0.5	2
Sph.gl	0	0	0	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	0	1	0.6	12
Ste.al	1	0	5	1	0	5	0	1	5	1	0	0	0	0	0	0	0	0	0	0	0.95	7
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	1	0	5	0	0	1	0	0	0	0	1	0	0	5	1	0	1	0	0	0.75	7
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	15	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0	1	1.1	4
Dry.oc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0.1	2
Emp.ni	0	0	0	0	0	0	0	0	0	15	0	25	0	0	0	0	0	0	35	0	3.75	3
Vac.vi	0	1	1	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	0	1	0.7	14
moss	1	1	5	0	1	1	1	1	1	5	1	0	1	1	0	1	0	0	0	1	1.1	14
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	5	1	1	1	0	5	1	0	1	5	1	5	1	5	1	1	1	1	1.9	18
grass	1	1	0	1	1	0	0	1	0	0	5	0	0	0	1	0	1	0	0	1	0.6	8
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0.1	2
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	2
Anem.n	0	1	1	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	0.5	10
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	1	1	5	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0.65	9
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	35	15	20	15	1	0	0	0	1	0	50	35	30	40	25	0	0	13.3	11
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	0	1	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	1	0.35	7
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Russian Mountains Area continued)

PLT078	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	10	1	5	5	1	5	0	10	5	5	1	0	5	10	1	1	5	0	5	3.8	17
Bry.di	0	0	0	0	0	5	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0.75	2
Cet.cu	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0.2	4
Cet.er	1	1	1	1	1	1	1	0	0	0	1	0	0	1	0	1	0	1	5	0	0.8	12
Cet.is	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.1	2
Cet.ni	5	5	1	5	10	5	20	0	15	5	10	10	1	5	15	5	1	5	1	10	6.7	19
Cl.mit	10	1	10	1	1	0	10	1	1	10	5	1	0	1	5	5	5	15	0	10	4.6	17
Cl.ran	10	5	15	1	5	1	5	1	1	5	5	0	1	5	1	1	10	5	1	10	4.4	19
Cl.ste	35	5	50	1	10	1	0	5	5	15	10	1	5	0	1	5	60	15	0	30	12.7	17
Cla.gr	1	0	1	0	0	1	0	0	1	1	0	1	1	1	0	1	1	1	0	1	0.6	12
Cla.am	1	1	1	1	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	1	0.45	9
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	1	0	1	1	1	0	0	1	1	1	1	0	1	1	0	0	1	0	0	0.55	11
Ste.al	1	1	0	1	1	0	5	5	5	1	5	1	5	0	1	5	1	1	1	1	2.05	17
Tha.ve	1	1	0	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1.35	19
Sal.ar	0	5	0	5	1	0	0	0	1	1	1	5	0	5	1	0	0	0	5	0	1.5	10
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	10	0	0	0	0	5	0	0	0	0	1	0	0	0	0	5	0	0	1.05	4
Dry.oc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	1	0	0	75	5	0	0	10	70	0	0	35	0	0	5	0	10.0	7
Vac.vi	1	1	0	1	1	0	5	0	0	1	0	0	0	1	1	0	0	1	0	1	0.7	10
moss	1	5	0	5	1	1	0	0	10	1	0	0	1	1	1	1	1	10	5	5	2.45	15
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	1	5	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	5	1.25	17
grass	5	1	0	0	5	1	1	0	0	0	5	1	0	1	1	1	0	1	1	0	1.2	12
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0.25	5
Anem.n	1	0	1	1	1	0	1	0	0	1	0	0	0	0	1	0	1	1	0	1	0.5	10
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0.15	3
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	1	1	20	0	0	0	0	5	25	0	1	20	0	0	0	15	0	4.4	8
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0.25	5
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

5) Twin Lakes Potential Caribou Winter Habitat Area

PLT082	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	1	0	1	0	0	0	0	1	10	0	0	1	1	0	0	0	1	1	0.95	10
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	1	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	0	1	1	0.5	10
Cet.er	1	1	1	1	1	1	1	0	1	0	0	0	5	0	1	0	0	0	0	0	0.7	10
Cet.is	0	0	0	1	1	1	0	1	1	0	1	1	0	5	0	1	5	1	1	0	1	12
Cet.ni	5	1	1	0	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	1	0.8	12
Cl.mit	1	5	0	5	0	5	5	5	10	1	1	1	1	5	5	1	5	5	20	5	4.3	18
Cl.ran	1	1	0	1	0	1	1	1	5	1	5	1	1	1	1	1	1	5	5	1	1.7	18
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	1	1	1	5	1	1	1	1	0	1	1	1	1	5	1	5	0	5	1	1	1.7	18
Cla.am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0.1	2
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	5	0	0	1	0	0	0	0	0	0	0	0	1	1	5	0	1	0	0	0.7	6
Pse.pu	0	0	0	0	1	1	0	1	0	5	10	0	0	1	1	5	0	0	0	0	1.25	8
Sph.gl	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5	0.35	3
Ste.al	1	10	1	10	0	10	1	35	10	15	0	20	5	10	1	1	70	10	25	5	12	18
Tha.ve	1	0	1	5	1	1	1	1	1	1	1	1	1	1	1	0	1	1	5	1	1.3	18
Sal.ar	1	1	0	0	0	0	0	0	5	0	0	1	0	0	15	0	0	5	0	1	1.45	7
Sal.re	0	1	0	0	0	0	0	1	1	10	0	5	5	0	0	0	1	0	5	0	1.45	8
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	25	15	5	30	15	5	1	0	15	10	5	10	20	15	1	10	5	0	5	5	9.85	18
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0.3	2
Vac.vi	1	5	1	1	0	1	1	5	1	0	1	1	1	1	1	1	1	1	1	0	1.25	17
moss	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	5	0.45	5
Ped.	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	1	0	0.25	5
sedge	1	5	1	0	0	1	1	1	1	1	5	0	1	1	0	0	1	1	1	1	1.15	15
grass	5	1	1	0	0	5	1	5	1	1	1	0	0	0	0	0	5	5	5	1	1.85	13
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	1	1	1	1	0	1	0	0	0	0	0	1	0	5	1	0	0	1	0.65	9
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Anem.n	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	1	0	0.25	52
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0.2	4
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT083	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	1	1	1	0	1	1	5	1	1	0	1	1	0	1	1	5	1	1	1.2	15
Bry.di	5	5	1	0	0	0	1	1	1	1	5	1	5	1	0	0	0	1	5	0	1.65	13
Cet.cu	1	0	1	5	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1.05	17
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	0	0	0	1	0	0	1	0	0	1	1	1	0	1	0	5	5	0	0	1	0.85	9
Cet.ni	1	5	1	1	1	1	5	1	1	0	1	1	1	1	1	5	0	0	1	1	1.45	17
Cl.mit	1	1	1	1	1	0	1	0	0	5	1	0	1	1	0	1	1	1	1	10	1.4	15
Cl.ran	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0.35	7
Cl.ste	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1
Cla.gr	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	1	0	0	1	0.25	5
Cla.am	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.1	2
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	5	0	0	0	0.4	4
Pse.pu	0	1	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0.2	2
Sph.gl	1	1	1	1	1	0	0	1	1	1	0	1	1	1	0	0	0	0	1	1	0.65	13
Ste.al	0	1	1	5	1	0	0	0	0	1	1	0	5	1	0	0	1	0	0	5	1.1	10
Tha.ve	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Sal.ar	1	5	5	1	1	0	0	10	1	1	10	5	10	5	15	0	0	1	5	0	3.8	15
Sal.re	0	0	0	0	20	15	10	0	1	0	0	0	1	1	5	10	1	0	0	1	3.25	10
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	20	10	25	5	5	5	1	0	15	10	15	15	0	10	0	15	25	20	10	10.5	17
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	0	0	1	0	1	0	0	0	5	0	0	0	0	0	0	0.35	3
Vac.vi	1	1	5	1	0	1	1	0	5	0	1	0	1	1	0	1	5	1	1	1	1.35	15
moss	0	0	0	1	1	5	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0.5	6
Ped.	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	1	0	0	0	0.3	6
sedge	1	1	0	1	5	5	1	0	1	10	0	1	1	1	0	5	1	1	1	1	1.85	16
grass	1	1	0	1	1	1	5	0	1	1	0	1	1	1	10	0	1	1	1	1	1.45	16
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	0	1	0	1	1	0	1	0	0	1	0	0	0	1	1	1	1	5	0.75	11
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	5	1	5	1	0	0	1	5	5	0	1	1	1	1	0	0	1	1	1	0	1.5	14
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	5	0	0	1	10	0	5	0	0	0	0	0	5	0	1.3	5
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
Min.ar	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.15	3
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	1	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0.25	5
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT084	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	5	0	1	0	5	0	0	1	0	1	1	0	1	1	5	0	0	1	1	1.2	12
Bry.di	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0.1	2
Cet.cu	1	1	1	0	1	1	1	1	1	1	1	1	0	0	5	0	1	1	0	1	0.95	15
Cet.er	0	1	1	5	1	1	5	5	1	0	0	0	0	0	1	1	0	0	0	1	1.15	11
Cet.is	0	0	0	0	1	1	1	1	0	1	1	0	1	1	0	0	1	1	0	1	0.55	11
Cet.ni	1	1	1	5	1	1	10	5	5	0	0	1	1	5	5	5	1	5	5	1	2.95	18
Cl.mit	5	0	1	5	5	5	1	20	1	1	5	0	5	5	1	5	15	1	5	1	4.35	18
Cl.ran	1	0	1	1	0	0	1	5	1	1	1	0	1	5	0	1	1	1	1	0	1.1	14
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	1	0	1	1	5	1	1	1	0	1	1	0	1	1	0	1	5	1	1	0	1.15	15
Cla.am	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.un	1	1	0	0	1	0	1	0	0	1	1	1	0	1	0	1	0	0	1	0	1.15	15
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	1	1	1	0	0	1	1	1	0	0	1	0	0	0	0	0	1	0	0	0.4	8
Sph.gl	1	1	1	0	0	0	1	1	5	1	0	1	1	1	1	0	0	0	5	1	1.05	13
Ste.al	5	0	1	1	5	1	15	5	1	10	50	0	5	5	0	15	5	5	0	1	6.5	16
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0.95	19
Sal.ar	5	5	0	0	0	1	0	0	5	1	0	1	15	1	1	0	0	1	1	5	2.1	12
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	15	15	15	25	15	5	5	5	5	5	15	10	25	0	15	10	0	30	5	11.2	18
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	10	0	0	5	5	1	15	0	5	10	0	1	1	1	15	5	5	5	0	0	3.95	14
Emp.ni	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	2
Vac.vi	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	0	1	1	0	1	0.75	15
moss	1	0	0	0	1	0	0	0	5	0	0	0	1	0	0	0	5	5	0	0	0.9	6
Ped.	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0.2	4
sedge	1	1	1	0	5	1	5	1	1	1	1	5	1	1	1	5	1	1	1	1	1.75	19
grass	1	1	5	0	1	1	1	1	5	1	1	1	1	1	0	1	1	1	1	1	1.3	18
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Anem.n	1	0	1	1	1	0	0	1	1	1	1	0	1	0	0	0	1	0	1	1	0.6	12
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	5	5	1	0	0	1	1	1	5	1	0	1	0	0	1	1	0	0	1	5	1.45	13
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	15	5	5	0	0	5	0	0	0	0	5	5	10	5	1	0	0	0	0	2.8	9
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT085	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	5	0	0	0	1	1	0	5	1	1	0	0	0	0	0	0	1	1	0.9	10
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	1	1	0	1	0	1	1	5	0	1	0	1	1	1	1	0	1	5	1	0.75	15
Cet.er	0	0	0	0	5	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0.5	6
Cet.is	1	1	1	1	0	0	1	1	1	1	5	5	1	0	1	1	1	1	1	1	1.25	17
Cet.ni	1	10	10	1	5	1	1	5	0	5	1	5	5	5	1	1	0	10	5	0	3.6	17
Cl.mit	10	5	1	5	5	1	10	5	1	10	10	5	10	5	5	10	20	5	1	5	6.45	20
Cl.ran	1	1	1	1	1	1	1	1	0	1	1	1	5	1	1	1	1	1	1	1	1.15	19
Cl.ste	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0.15	3
Cla.gr	0	1	0	1	0	0	1	1	0	1	1	1	1	1	0	1	5	1	1	1	0.9	14
Cla.am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Cla.un	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0.15	3
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	12
Sph.gl	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Ste.al	25	1	35	30	5	0	20	10	20	5	15	5	1	1	1	10	10	15	1	25	11.7	20
Tha.ve	1	1	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	10	1	1.95	20
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.re	1	5	5	5	5	5	5	5	1	5	5	1	5	1	5	5	0	5	5	1	3.75	19
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	1	5	5	15	15	10	10	10	30	5	5	20	1	5	20	20	5	10	1	5	10.3	20
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	1	10	0	5	0	0	0	1	0	0	5	1.1	4
Emp.ni	40	0	0	0	0	25	0	0	5	25	0	0	0	25	0	0	0	0	0	0	6	5
Vac.vi	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
moss	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0.1	2
Ped.	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.15	3
sedge	1	5	1	0	1	1	1	1	0	1	1	0	5	1	5	1	0	5	1	1	1.6	16
grass	1	1	1	0	1	1	1	5	0	1	1	0	1	1	1	5	0	1	5	1	1.4	16
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	5	0	0	0	0.35	7
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	0	5	1	1	1	1	1	1	0	1	0	1	1	0	0	0	0	1	0.8	12
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.15	3
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.3	2
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	10	0	0	0	1.25	2
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	1	1	0	1	0	0	1	1	0	0	1	0	1	1	0	1	0	1	0	0.5	10
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT086	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.4	4
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	0	1	1	0	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0.5	10
Cet.er	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Cet.is	1	0	0	1	1	5	1	1	5	1	5	1	1	1	5	1	1	1	1	0	1.65	17
Cet.ni	5	1	1	5	1	1	5	0	1	0	1	1	0	1	0	0	0	0	1	0	1.2	12
Cl.mit	1	5	5	5	10	5	1	1	25	5	5	5	15	1	1	10	0	1	5	1	6.35	19
Cl.ran	1	1	1	1	5	1	1	1	1	5	1	1	5	1	0	5	0	0	1	1	1.65	17
Cl.ste	15	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	10	0	0	1.4	5
Cla.gr	5	1	1	1	1	1	1	1	0	5	1	1	1	1	1	5	5	1	1	0	1.7	18
Cla.am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.un	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0.2	4
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.1	2
Pse.pu	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.15	3
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	0	5	5	5	1	15	10	10	1	5	5	30	15	40	5	5	30	1	5	10	10.1	19
Tha.ve	1	1	1	1	1	0	1	1	5	0	5	0	1	1	0	1	1	1	1	1	1.2	16
Sal.ar	0	1	0	10	0	0	0	0	0	1	0	0	0	5	0	0	0	0	0	0	0.85	4
Sal.re	1	5	5	10	0	0	0	5	15	10	10	15	1	0	0	0	1	0	1	5	4.2	13
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	10	5	25	10	15	15	5	1	5	10	0	0	0	1	0	0	0	5	0	0	5.35	12
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Emp.ni	0	0	0	5	0	0	0	25	1	0	10	30	25	30	0	20	30	25	45	75	16.5	12
Vac.vi	0	1	5	0	1	1	1	1	1	0	0	1	1	0	1	1	0	1	1	0	0.85	13
moss	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0.3	6
Ped.	1	0	0	0	0	0	0	1	1	1	0	1	0	0	0	1	0	1	0	1	0.4	8
sedge	1	1	5	0	5	1	1	1	1	5	0	1	5	0	0	5	1	1	1	0	1.75	15
grass	10	1	1	0	1	0	0	1	5	1	0	10	1	0	0	1	0	0	1	10	2.1	12
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0.5	1
Sax.br	0	0	0	0	1	0	1	0	0	0	1	0	0	5	5	0	0	0	0	0	0.65	5
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	1	1	1	0	0	1	1	1	1	0	1	0	0	0	0	1	1	1	0.65	13
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0.1	2
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT087	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0.2	4
Cet.er	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0.15	3
Cet.is	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0.9	18
Cet.ni	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	1	0	0.35	7
Cl.mit	5	10	5	1	1	5	25	5	5	15	5	5	1	5	5	10	10	0	1	15	6.7	19
Cl.ran	1	1	1	0	0	0	0	1	1	1	0	1	0	0	0	1	5	0	1	1	0.75	11
Cl.ste	1	1	1	0	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	0.8	16
Cla.gr	1	1	1	1	1	1	5	1	1	1	1	1	1	0	0	1	1	0	0	1	1	16
Cla.am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	5	5	5	10	15	20	20	15	1	10	10	5	1	1	10	1	1	5	15	20	8.75	20
Tha.ve	1	1	5	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1.4	20
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.re	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0.2	4
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	10	20	15	10	5	10	15	5	0	1	5	5	5	20	5	15	0	0	0	5	7.55	16
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Emp.ni	10	0	0	75	35	5	0	0	0	30	10	0	90	0	30	0	5	85	0	0	18.7	10
Vac.vi	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0.6	12
moss	1	0	1	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0.25	5
Ped.	0	0	1	0	1	1	0	0	0	0	1	1	0	0	1	0	0	0	1	1	0.4	8
sedge	1	5	5	1	1	1	1	1	0	1	1	0	1	1	1	5	1	1	1	1	1.5	18
grass	1	1	1	1	1	1	5	1	0	1	1	0	1	1	0	1	0	0	0	1	0.9	14
Lois.p	0	0	1	1	0	15	1	10	5	0	0	15	0	0	0	0	0	0	10	1	2.95	9
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Anem.n	1	1	5	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	1.05	17
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	12
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	5	0	1	0	0	0	0	0	0	0	0	0	5	1	0	0	0	1	0	0.65	5
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.1	2
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Pri.cu	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT088	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	5	0	5	1	0	0	0	1	1	1	0	1	0	0	0	0	1	0	0	0	0.8	8
Bry.di	0	1	0	1	0	0	0	5	1	0	0	0	1	0	0	0	0	1	0	0	0.5	6
Cet.cu	1	1	0	0	0	0	1	5	1	1	1	1	1	1	0	0	0	1	1	1	0.85	13
Cet.er	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Cet.is	1	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0	0	1	1	0.35	7
Cet.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.85	13
Cl.mit	5	10	1	1	1	10	5	1	5	20	1	0	5	1	1	5	5	1	1	5	3.95	19
Cl.ran	1	1	1	0	1	1	1	0	5	5	1	0	5	1	1	5	1	1	1	5	1.85	17
Cl.ste	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	0	1	1	1	0.35	7
Cla.gr	0	1	1	1	0	1	1	0	1	1	1	0	1	0	1	0	1	0	1	1	0.65	13
Cla.am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.un	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	0	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0.25	5
Ste.al	1	5	5	20	5	5	20	5	1	5	20	0	15	10	35	15	15	15	15	15	11.3	19
Tha.ve	1	1	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.4	20
Sal.ar	0	1	1	1	0	0	0	10	1	0	0	5	1	0	0	0	0	1	5	0	1.3	9
Sal.re	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1	1	1	1	1	0.4	8
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	30	30	15	15	15	0	5	0	25	15	10	10	15	5	5	5	15	0	10	0	11.2	16
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Emp.ni	0	0	10	20	45	60	25	5	0	0	65	1	0	70	35	55	25	0	25	15	22.8	14
Vac.vi	1	5	1	1	1	1	1	5	1	1	1	1	1	1	1	0	0	1	0	1	1	20
moss	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0.2	4
Ped.	0	0	1	1	0	0	0	0	0	0	1	0	1	1	1	1	1	1	0	1	0.5	10
sedge	1	1	1	1	0	1	1	1	1	1	0	1	1	5	1	0	1	1	0	1	1	16
grass	1	5	1	0	1	5	1	1	1	1	0	1	5	1	1	1	1	5	0	5	1.85	17
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0.5	1
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Anem.n	1	1	1	1	1	1	0	0	1	1	1	0	1	0	1	1	0	1	1	0	0.7	14
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	5	1	0	0	0	0	1	0	5	0	0	0	0	0	0	0	1	0	0	0.7	6
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0.5	1
Arc.al	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0.15	3
Ped.ca	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.1	2
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	10	1	0	0	0	0	0	0	0	0	0	0	15	0	1.3	3
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0.2	4
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT089	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	5	0	0	1	0	0	1	0	0	0	1	1	1	0	1	0	0	0	0	1	0.6	8
Bry.di	5	0	0	1	0	1	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0.55	7
Cet.cu	1	0	0	0	0	1	0	1	1	1	1	1	0	1	1	0	1	1	1	0	0.6	12
Cet.er	0	1	1	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	1	0	0.35	7
Cet.is	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0.3	2
Cet.ni	1	1	1	1	1	1	5	5	1	1	1	5	5	1	5	5	1	1	1	0	2.15	19
Cl.mit	5	1	1	0	1	1	1	1	1	5	10	5	1	1	1	1	0	1	1	10	2.4	18
Cl.ran	1	0	0	0	0	1	1	0	0	1	1	0	0	0	0	1	0	0	0	1	0.35	7
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.gr	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0.2	4
Cla.am	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	1	1	1	1	1	1	1	0	1	0	5	1	1	0	0	1	1	0	0	0.85	13
Sph.gl	0	0	0	0	1	1	0	1	1	1	0	1	0	0	0	1	0	1	0	1	0.45	9
Ste.al	25	1	5	0	0	0	10	10	5	10	50	5	10	0	5	0	0	5	40	50	11.5	14
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	10	5	1	5	5	20	5	20	1	20	5	5	1	30	30	20	15	10	5	15	11.4	20
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	1	1.3	2
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	10	5	5	5	5	10	0	5	5	1	1	5	25	1	1	5	15	10	5	5	6.2	19
Emp.ni	0	5	25	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	2.75	3
Vac.vi	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.1	2
moss	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.3	2
Ped.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
sedge	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	8
grass	1	0	0	0	1	0	1	0	0	0	1	0	0	1	1	1	0	0	0	1	0.2	4
Lois.p	0	1	15	0	0	0	0	10	10	0	5	10	5	0	0	0	0	10	5	0	3.55	9
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Anem.n	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	5	5	0	0	0	1	0	0	5	5	1	1	0	0	0	1	1	0	0	0	1.25	9
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	5	0	0	0	0	0	0	0	5	1	0	1	0	0	0	0	0	0	5	0	0.85	5
Arc.al	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0.2	4
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5	1	0.4	4
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT090	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0.25	5
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Cet.cu	1	1	0	1	0	0	1	1	1	5	1	0	1	1	0	1	0	1	1	1	0.9	14
Cet.er	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.1	2
Cet.is	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.15	3
Cet.ni	5	1	1	1	0	0	1	1	5	0	1	1	1	1	0	1	1	1	1	1	1.2	15
Cl.mit	1	1	1	1	1	1	10	1	1	1	0	0	1	5	1	1	5	1	0	0	1.65	16
Cl.ran	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.65	5
Cl.ste	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cla.gr	1	0	0	1	0	1	1	1	1	1	1	0	1	1	0	1	1	1	0	0	0.65	13
Cla.am	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.un	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0.15	3
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	2
Ste.al	5	15	5	60	10	5	15	30	30	25	5	1	35	5	15	10	10	20	0	1	15.1	19
Tha.ve	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2	20
Sal.ar	5	1	30	0	0	0	0	0	0	1	10	5	0	1	0	0	5	1	1	1	3.05	11
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	5	0	5	40	0	0	0	0	0	0	15	10	0	0	0	0	0	3.75	5
Dry.oc	15	25	1	1	0	0	0	0	0	15	15	5	0	0	0	0	15	15	0	10	5.85	10
Bet.na	0	0	0	0	10	20	0	0	0	5	0	0	5	10	15	0	10	5	0	0	4	8
Bet.gl	1	1	0	0	0	0	10	10	20	0	0	0	0	5	0	0	0	0	0	0	2.35	6
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	5	0	5	0	5	5	1	10	5	0	1.8	7
Emp.ni	0	0	1	1	55	25	0	0	0	0	0	0	15	10	25	80	10	0	0	0	11.1	9
Vac.vi	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	5	0.4	4
moss	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0.1	2
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
sedge	0	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	0	1	1	0.6	12
grass	5	1	0	0	1	1	1	10	1	1	1	0	0	1	1	0	1	0	0	1	1.3	13
Lois.p	0	10	1	0	1	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0.85	4
Sax.br	1	1	1	1	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0.45	9
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	1	1	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0.45	9
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	1	1	0.4	4
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	1	0	0	0.6	3
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0.1	1
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	10	0.65	4
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0.25	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0.1	2
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT091	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	1	0	1	1	1	0	1	1	1	0	0	1	0	0	0	0	1	5	0.75	11
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0.1	2
Cet.cu	1	1	0	1	0	1	1	1	1	1	0	0	1	1	0	0	1	0	1	1	0.65	13
Cet.er	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1	0.35	7
Cet.is	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	2
Cet.ni	1	1	5	1	1	1	1	1	1	1	1	1	1	1	5	0	1	1	1	1	1.35	19
Cl.mit	5	1	1	1	1	0	0	5	1	1	1	1	1	0	0	0	0	1	0	1	1.05	13
Cl.ran	1	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	0.35	7
Cl.ste	1	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0.25	5
Cla.gr	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cla.am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.un	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	5	5	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0.3	6
Sph.gl	0	0	1	0	1	1	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0.4	8
Ste.al	25	10	5	0	0	0	0	5	1	5	1	5	0	1	0	0	1	20	0	1	4	12
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sal.re	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	15	1	5	10	10	10	10	5	1	10	0	1	5	10	1	5	10	5	5	5.95	18
Bet.na	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	1.25	2
Bet.gl	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	1	10	5	0	5	1	1	1	5	10	1	5	1	5	5	1	1	5	5	3.4	18
Emp.ni	25	25	5	0	1	5	10	5	0	1	1	90	20	25	0	0	10	30	0	0	12.6	14
Vac.vi	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.2	4
moss	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0.15	3
sedge	1	1	1	5	1	0	0	1	0	1	1	1	1	1	0	0	0	0	1	0	0.8	12
grass	1	1	1	0	0	0	0	1	0	1	1	0	1	1	0	0	0	0	1	0	0.45	9
Lois.p	0	5	1	1	0	0	10	0	1	5	10	1	0	1	0	0	5	0	0	5	2.7	11
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	0	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0.25	5
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	1	0	0	0	1	0	1	1	0	1	1	1	1	1	1	5	1	1	0.9	14
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	1	5	0	0	10	1	0	1	0	0	0	1	0	1	0	0	0	1	0	1.05	14
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	0	0	0.2	4
Min.ar	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0.1	2
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT092	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cet.er	1	0	0	1	0	1	0	0	5	0	1	5	0	0	0	0	0	0	1	0	0.7	6
Cet.is	0	0	0	0	1	1	0	1	0	0	1	0	0	1	0	1	5	1	1	0	0.65	9
Cet.ni	1	0	1	5	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0.55	7
Cl.mit	5	35	10	1	1	5	0	30	5	15	5	1	5	1	0	0	1	1	5	1	6.35	17
Cl.ran	1	1	1	0	0	0	0	1	5	1	0	1	1	1	0	0	1	0	1	1	0.8	12
Cl.ste	1	5	0	1	0	5	0	0	5	0	0	1	0	1	0	0	1	1	5	5	1.55	11
Cla.gr	1	1	1	0	1	1	0	1	0	1	1	0	1	1	0	1	0	1	1	1	0.7	14
Cla.am	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1	2
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0.25	1
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	10	5	0	0	10	5	1	1	0	25	5	10	1	10	1	5	0	5	10	10	5.7	16
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	0	0	0	5	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.3	2
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	1	0	0	0	0	5	0	0	0	0	0	0	0	0	1	1	0	0.4	4
Bet.na	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0.3	2
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	5	1	15	10	10	0	5	5	15	0	15	10	10	10	1	15	10	10	10	10	8.35	18
Emp.ni	0	0	0	0	10	0	1	0	0	0	0	0	0	35	5	75	10	0	0	10	6.8	7
Vac.vi	1	1	0	0	1	0	0	1	0	1	1	1	0	0	1	0	0	1	0	0	0.45	9
moss	1	0	0	1	5	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0.45	5
Ped.	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0.1	4
sedge	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0.3	6
grass	0	0	0	0	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0.25	5
Lois.p	0	0	0	5	1	1	0	1	0	0	1	0	1	5	1	0	5	10	0	0	1.55	10
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0.25	5
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	5	1	1	0	0	5	0	5	0	1	1	1	0	0	1	5	0	1.3	10
Arc.al	1	1	10	10	5	1	0	5	0	1	5	5	5	0	0	0	5	0	0	25	3.95	13
Ped.ca	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	5	10	5	5	5	0	0	5	0	0	0	0	10	1	1	0	0	0	0	0	2.35	9
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT093	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	0	0	1	1	0	0	0	0	1	1	1	0	1	0	0	0	0	1	0	0.4	8
Cet.er	1	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0.25	5
Cet.is	1	1	1	1	1	1	10	0	0	0	0	0	1	1	1	0	1	1	0	0	1.05	12
Cet.ni	1	1	0	0	1	0	0	0	0	0	1	1	0	0	1	0	1	1	5	1	0.7	10
Cl.mit	5	10	5	1	5	5	5	10	0	1	5	0	5	5	1	5	5	5	1	5	4.2	18
Cl.ran	1	0	1	0	1	1	0	1	0	1	1	0	1	0	1	1	1	1	1	1	0.7	14
Cl.ste	0	0	10	1	0	5	1	5	0	1	0	0	1	1	1	0	1	0	0	1	1.4	11
Cla.gr	1	1	1	0	0	1	0	1	0	1	1	0	1	1	1	1	1	1	0	1	0.7	14
Cla.am	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0.2	4
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ste.al	5	10	10	0	1	10	0	1	0	5	0	0	10	1	0	1	5	1	1	1	3.1	14
Tha.ve	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.15	3
Bet.na	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.3	2
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	10	5	5	15	15	5	5	5	1	1	1	10	15	10	5	5	10	5	5	6.7	20
Emp.ni	15	5	0	15	25	10	0	0	0	65	20	0	0	10	5	35	10	45	15	15	14.5	14
Vac.vi	1	0	1	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0.3	6
moss	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.	0	1	1	1	0	0	0	1	0	0	0	0	1	0	1	0	0	1	1	1	0.45	9
sedge	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0.15	3
grass	1	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0.25	5
Lois.p	1	1	1	0	1	1	1	1	1	1	1	5	1	0	1	5	1	1	10	1	1.75	18
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	1	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0.25	5
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	0	0	1	1	0	0	0	1	0	1	5	1	1	1	1	1	0	1	1	0.85	13
Arc.al	1	0	5	5	0	5	20	5	0	1	1	0	1	1	1	15	0	1	1	1	3.2	15
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Led.de	0	0	1	0	1	0	0	0	0	1	1	1	1	0	1	0	1	1	0	5	0.7	10
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT094	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	1	0.3	6
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1	1	0	0.3	6
Cet.er	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0.25	5
Cet.is	1	1	1	1	1	0	1	1	1	0	1	0	0	1	0	1	0	0	0	1	0.6	12
Cet.ni	1	0	1	0	1	0	0	0	1	1	1	0	0	1	0	0	1	1	5	1	0.75	11
Cl.mit	1	1	1	1	1	1	5	1	1	1	5	1	1	0	1	1	10	1	0	0	1.95	18
Cl.ran	1	0	1	0	5	1	1	0	1	1	1	0	0	5	0	1	0	1	0	0	0.95	11
Cl.ste	0	1	1	20	0	1	0	0	1	0	1	1	5	0	0	0	0	1	0	0	1.6	9
Cla.gr	1	1	1	1	5	1	0	0	1	1	1	1	0	1	0	1	1	1	0	0	0.9	14
Cla.am	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0.15	3
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ste.al	60	35	40	0	20	45	25	10	30	35	10	35	10	25	1	15	5	1	0	1	20.1	18
Tha.ve	1	1	1	1	0	1	1	10	1	1	1	1	1	1	0	0	1	1	5	1	1.5	17
Sal.ar	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.35	3
Sal.re	5	0	0	5	10	5	1	1	0	5	0	0	0	1	5	0	0	1	0	0	1.95	10
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	5	5	0	0	0	1	0	0	5	1	10	0	1	0	0	25	10	15	30	5.4	11
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	0	5	1	20	5	1	1	10	5	1	1	0	1	1	1	1	0	0	0	2.75	15
Emp.ni	20	60	25	55	15	50	35	30	0	0	15	10	40	40	65	75	0	0	0	10	27.2	15
Vac.vi	1	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	1	1	0.4	8
moss	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Ped.	1	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0.3	6
sedge	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	10	5	1.6	19
grass	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	0	5	1	1	0	0.95	15
Lois.p	0	0	0	0	0	0	0	1	1	0	0	5	1	0	0	0	0	30	0	0	1.9	5
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0.3	6
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	1	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0	1	0	0	0.4	4
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0.3	2
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PLT095	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	0	1	0	0	1	1	1	1	1	5	1	0	0	1	1	1	1	1	0.95	15
Bry.di	1	0	0	0	0	0	0	0	1	1	1	20	1	0	0	0	0	1	1	0	1.35	8
Cet.cu	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0.8	16
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0.1	2
Cet.is	1	1	1	1	1	1	1	1	1	1	1	0	0	1	5	1	0	0	1	1	1	16
Cet.ni	5	1	1	1	1	1	10	5	1	1	1	1	1	1	1	1	1	5	1	5	2.25	20
Cl.mit	1	1	1	1	1	15	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1.85	19
Cl.ran	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	0.75	15
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Cla.gr	0	1	1	0	1	1	0	1	0	0	0	1	0	0	0	1	0	1	1	1	0.5	10
Cla.am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Cla.un	1	1	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0.3	6
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0.35	7
Ste.al	0	0	5	1	5	30	1	5	1	5	0	5	0	0	5	1	5	10	1	1	4.05	15
Tha.ve	1	5	5	1	1	1	5	1	1	0	1	1	1	1	5	5	1	1	1	1	1.95	19
Sal.ar	1	0	0	0	0	0	0	1	5	1	0	1	1	0	0	0	1	0	0	1	0.6	8
Sal.re	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.1	2
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	1	5	5	0	5	5	15	5	10	10	5	5	5	20	1	1	5	15	5	0	6.15	18
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	20	10	0	5	5	20	0	0	0	15	5	0	0	1	0	5	0	0	4.05	9
Emp.ni	0	20	0	25	25	0	1	0	0	0	0	0	0	5	1	0	0	0	10	0	4.35	7
Vac.vi	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0.8	16
moss	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Ped.	0	1	0	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0.4	8
sedge	1	1	1	5	1	1	1	0	1	1	0	0	1	0	0	1	1	1	1	1	0.95	15
grass	1	1	0	0	1	1	1	1	1	5	1	0	1	0	0	1	1	1	1	5	1.15	15
Lois.p	0	0	0	15	25	0	10	0	0	0	0	0	0	0	20	0	0	0	0	0	3.5	4
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0.15	3
Anem.n	1	1	1	0	0	0	1	1	1	1	1	0	0	1	0	1	0	1	1	1	0.65	13
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	0	0	0	0	0	1	0	5	0	1	1	0	1	0	0	0	1	1	0.6	8
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	1	1	0	0	5	5	0	25	1	5	0	1	0	0	0	25	15	15	10	5.45	12
Arc.al	0	0	0	0	0	0	0	0	0	1	10	0	0	0	0	0	0	0	1	5	0.85	4
Ped.ca	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.1	2
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0.15	3
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT096	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	1	0	5	1	1	0	1	5	0	1	0	0	0	0	1	0	1	1	1	12
Bry.di	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	5	1	0	0	0.45	5
Cet.cu	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	5	1	1.35	19
Cet.er	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Cet.is	1	0	5	1	1	1	0	1	0	1	0	1	1	1	1	0	1	1	0	1	0.9	14
Cet.ni	1	0	0	1	5	1	1	1	5	1	1	1	1	1	1	5	1	1	1	0	0.95	15
Cl.mit	1	1	1	5	1	5	1	1	1	1	1	0	1	15	1	1	1	1	1	1	2.05	19
Cl.ran	0	1	1	1	1	1	1	1	1	1	1	0	1	15	1	1	0	1	0	1	1.5	16
Cl.ste	0	0	1	0	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0.35	3
Cla.gr	0	5	0	1	0	0	1	1	1	1	1	0	5	1	1	1	0	1	1	0	1.05	13
Cla.am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Sph.gl	1	1	0	1	1	1	0	0	1	1	1	1	1	0	1	1	0	1	1	0	0.7	14
Ste.al	5	1	10	5	10	1	5	0	10	1	1	1	5	10	1	0	0	0	10	40	5.8	16
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1.2	20
Sal.ar	10	5	5	0	5	0	0	5	0	10	20	1	5	1	20	1	5	0	10	0	5.15	14
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	20	25	25	30	15	25	40	15	25	5	5	10	10	5	0	10	15	25	5	25	16.75	19
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0.25	1
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	1	1	0	1	1	1	1	1	1	1	5	1	1	1	0	1	1	5	5	1	1.5	18
moss	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Ped.	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0.2	4
sedge	1	1	1	0	1	1	0	1	1	1	1	1	5	1	5	1	5	5	1	1	1.5	18
grass	1	1	5	1	1	1	5	1	1	5	5	1	1	5	1	5	5	1	5	1	2.4	20
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.1	2
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	10	0	1	0	0	0	0	1	1	0	0.65	4
Anem.n	1	1	1	1	1	1	1	5	1	1	1	5	5	1	1	1	1	0	0	1	1.5	18
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	0	1	0	1	0	1	0	1	0	0	0	0	1	0	1	5	1	0	0.7	10
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	20	0	0	0	0	0	0	0	5	0	1	0	0	0	1	0	0	0	0	1.35	4
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0.25	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.2	4
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PLT097	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	0	1	1	0	0	0	5	1	1	0	0	0	0	0	1	1	0	1	0.7	10
Bry.di	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.cu	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0.6	12
Cet.er	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.2	4
Cet.is	1	0	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0.8	16
Cet.ni	1	1	0	10	1	0	1	1	5	5	5	1	1	0	0	0	0	1	1	1	1.75	14
Cl.mit	0	1	10	5	5	20	10	1	1	1	5	5	5	15	1	5	10	10	1	1	5.1	19
Cl.ran	1	1	5	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1.1	18
Cl.ste	0	1	0	0	0	0	1	0	0	0	10	1	0	1	5	1	1	0	0	0	1.05	8
Cla.gr	1	1	5	0	1	1	5	1	5	5	1	5	5	1	1	10	1	5	1	1	2.8	19
Cla.am	1	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0.25	5
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Ste.al	1	1	5	1	1	1	0	5	5	1	0	10	10	10	10	30	5	5	1	1	5.15	18
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1.2	20
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Sal.re	20	5	5	1	0	0	5	1	5	5	10	10	10	10	1	5	5	0	0	10	5.15	16
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	1	10	0	15	30	10	10	1	5	1	0	0	5	10	0	0	1	1	1	10	5.55	15
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	0	0	0	0	35	5	15	0	0	0	10	10	0	30	10	0	35	80	0	11.5	9
Vac.vi	1	1	1	1	0	0	1	1	1	1	0	1	1	1	0	0	1	1	0	0	0.65	13
moss	1	1	5	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1	0.6	8
Ped.	1	1	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	0	0.35	7
sedge	1	1	1	1	10	5	1	1	1	1	0	1	5	5	1	5	1	1	0	0	2.35	18
grass	1	1	25	1	1	0	5	10	1	5	0	1	1	5	1	1	30	1	1	5	4.8	18
Lois.p	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.1	2
Sax.br	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
Anem.n	0	1	0	1	0	1	1	1	0	1	1	0	0	0	0	0	1	1	1	1	0.55	11
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Arc.al	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0.1	2
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0.1	2
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PLT098	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	5	1	1	1	0	1	5	1	1	0	1	0	0	0	0	1	1	0	1.05	13
Bry.di	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Cet.cu	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0.95	19
Cet.er	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0.15	3
Cet.is	1	0	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	1	0	0.75	15
Cet.ni	0	1	1	5	1	1	0	5	1	1	1	1	0	1	0	1	1	1	1	0	1.15	15
Cl.mit	1	1	1	5	10	1	5	1	1	1	1	1	1	15	10	1	5	10	1	0	3.6	19
Cl.ran	1	1	1	1	15	1	1	1	1	1	1	1	1	5	5	1	1	1	1	0	2.05	19
Cl.ste	0	30	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1.7	5
Cla.gr	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0.85	17
Cla.am	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0.3	6
Cla.un	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0.15	3
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	1	0	0	0	0	1	1	1	1	1	0	1	0	0	0	1	1	0	0.45	9
Ste.al	10	0	15	15	25	1	5	20	10	35	15	20	20	1	1	1	5	15	40	1	12.75	19
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0.95	19
Sal.ar	0	10	0	0	1	0	0	0	1	5	10	1	0	0	0	0	0	1	0	0	1.4	7
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0	0.3	2
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	50	20	5	10	5	25	15	25	10	10	5	10	35	15	0	10	10	10	5	0	14.5	19
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	10	25	1	1	1	1	5	1	0	0	0	5	0	0	0	0	5	5	15	3.5	12
Emp.ni	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	25	30	0	0	0	3.25	3
Vac.vi	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
moss	0	1	1	0	0	1	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0.35	7
Ped.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
sedge	1	0	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	5	1.35	19
grass	1	0	1	1	1	1	1	1	1	5	1	1	1	1	5	1	1	1	1	0	1.3	18
Lois.p	0	0	0	20	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1.05	2
Sax.br	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Anem.n	1	0	0	1	1	1	0	1	1	0	1	5	1	1	1	1	1	1	0	0	0.9	14
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0.25	5
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	1	0	10	0	0	0	0	0	0	0	5	10	0	0	0	0	0	1.3	4
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PLT099	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0.25	5
Bry.di	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0.1	2
Cet.cu	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0	5	5	1.25	17
Cet.er	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cet.is	1	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.2	4
Cet.ni	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0.9	18
Cl.mit	5	1	1	1	1	0	1	1	1	0	1	1	0	1	1	1	1	0	1	1	1	16
Cl.ran	1	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	1	1	0.35	7
Cl.ste	0	1	0	0	1	0	1	0	0	0	5	0	0	0	0	0	0	0	0	0	0.4	4
Cla.gr	1	1	1	0	1	0	1	1	0	1	1	1	0	0	0	1	1	0	1	1	0.65	13
Cla.am	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	5	0	0	0	1	0	5	1	1	1	1	0	0	0	0	1	0	1	1	0.95	11
Ste.al	15	10	5	1	0	1	10	10	0	15	0	5	0	1	10	10	1	0	0	1	4.75	14
Tha.ve	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	0.7	14
Sal.ar	1	10	5	0	0	0	1	5	10	5	1	5	1	0	20	0	5	1	0	0	3.5	13
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	10	15	0	5	1	0	0	5	1	0	0	0	0	1	0	0	2.1	7
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	10	10	5	10	0	1	5	1	1	5	5	1	0	0	1	5	0	5	1	1	3.35	16
Emp.ni	10	0	15	30	5	0	15	5	0	1	0	0	0	5	35	0	10	15	0	30	8.3	12
Vac.vi	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	1	1	0.35	7
moss	0	0	1	0	0	0	1	0	0	0	10	0	0	0	0	0	0	0	0	0	0.6	3
Ped.	1	1	0	1	0	0	1	0	0	1	1	0	0	0	0	1	1	0	0	1	0.45	9
sedge	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.2	42
grass	0	1	0	0	1	0	1	0	0	1	1	1	0	0	0	1	1	1	1	1	0.55	11
Lois.p	0	1	5	0	5	1	0	10	1	0	0	15	0	15	1	1	1	0	0	0	2.8	11
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0.1	2
Anem.n	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.1	2
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0.9	18
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	5	5	1	0	1	0	0	0	5	1	0	0	0	0	1	5	0	0	0	1.2	8
Arc.al	1	5	1	1	10	5	5	1	1	5	1	1	1	5	1	5	5	5	20	5	4.2	20
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	1	1	1	1	0	1	1	0	0	0	0	0	1	0	0	1	0	1	1	0.5	10
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT100	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	0	1	1	1	0	1	1	1	1	0	0	1	0	0	1	0	5	5	1	1.05	13
Cet.er	0	0	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0.25	5
Cet.is	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0.2	4
Cet.ni	0	1	1	1	1	5	1	0	0	0	5	1	1	0	1	1	0	1	0	0	1	12
Cl.mit	1	1	5	1	1	1	1	1	1	0	1	1	1	1	1	5	1	1	1	1	1.35	12
Cl.ran	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0.25	5
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	1	1	1	1	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	0.75	15
Cla.am	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Sph.gl	0	0	1	0	0	1	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0.3	6
Ste.al	1	1	5	15	10	10	5	15	15	0	0	0	1	1	1	10	5	20	0	10	6.25	16
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1.2	20
Sal.ar	0	1	0	0	1	0	20	0	0	5	5	1	1	1	1	0	0	1	0	0	1.85	10
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	1	0	1	1	5	5	0	0	0	0	10	1	0	0	0	0	0	1	0	1.25	8
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	1	10	0	5	5	5	1	5	1	1	1	5	10	0	1	5	20	1	1	3.95	18
Emp.ni	25	20	15	5	15	0	1	35	15	25	15	0	20	10	0	25	1	0	35	15	13.85	16
Vac.vi	0	0	0	0	0	1	0	1	0	0	0	1	0	0	1	1	0	0	0	0	0.25	5
moss	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0.1	2
Ped.	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0.2	4
sedge	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0.25	5
grass	0	1	0	1	0	1	1	0	0	1	1	0	1	0	0	1	1	1	1	0	0.55	11
Lois.p	0	0	1	0	0	5	1	0	5	0	0	10	1	0	5	0	1	5	0	0	1.7	9
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0.15	3
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	1	1	0	5	1	1	0	1	0	0	1	1	5	0	1	1	0	1	1.1	14
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	10	1	0	0	0	0	0	0	0	0	5	0	1	0	0	1	0.85	5
Arc.al	1	10	1	1	1	5	1	5	10	5	1	0	5	5	15	1	5	5	5	10	4.6	19
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	5	1	0	5	1	1	1	1	1	0	0	1	0	0	0	1	0	0	0	0.9	10
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Twin Lakes Area continued)

PLT101	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0.15	3
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0.1	2
Cet.cu	1	10	1	1	5	1	1	10	1	1	1	5	1	1	1	0	5	0	0	1	2.35	17
Cet.er	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.is	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.ni	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0.9	18
Cl.mit	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0.75	15
Cl.ran	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0.2	4
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Cla.gr	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	0	1	1	1	0	0.7	14
Cla.am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.15	3
Pse.pu	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.1	2
Sph.gl	0	1	0	1	1	1	1	0	1	0	0	0	1	1	1	0	0	1	0	1	0.55	11
Ste.al	0	20	1	5	0	0	35	0	0	5	5	0	1	0	5	0	5	0	5	0	4.35	11
Tha.ve	1	1	1	1	1	1	1	1	5	1	1	1	0	1	0	1	1	1	1	1	1.1	18
Sal.ar	0	1	0	0	0	5	5	1	1	5	1	0	1	1	5	0	0	1	1	1	1.45	13
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	1	15	5	35	10	5	10	1	0	0	5	10	15	10	0	30	1	15	5	8.65	16
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	10	0	5	1	0	5	0	5	5	0	1	0	1	1	0	0	0	1	1	1.85	12
Emp.ni	35	0	35	0	0	1	0	1	15	5	30	25	1	0	0	35	0	0	1	0	9.2	11
Vac.vi	0	1	1	1	0	0	0	1	1	5	0	1	0	1	1	0	1	1	0	1	0.8	12
moss	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
sedge	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0.25	5
grass	1	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0.35	7
Lois.p	0	0	0	10	0	0	10	0	0	0	5	0	10	1	0	0	0	1	1	0	0.35	7
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	1	1	1	0	1	1	0	1	1	1	1	0	0	0	5	1	5	1	12
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	5	1	5	5	1	5	5	5	0	5	0	1	1	1	0	1	5	10	5	3.05	16
Arc.al	20	5	1	1	1	0	1	1	5	5	5	5	5	5	10	25	20	1	10	5	6.55	16
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	5	0	1	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0.45	5
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

6) Cottonwood Creek Potential Caribou Winter Habitat Area

PLT125	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	1	0	1	1	1	0	0	0	1	1	1	0	1	1	1	0	0	0	0.6	12
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0.9	18
Cet.er	0	0	0	0	1	1	1	1	1	1	1	0	1	1	0	1	0	1	1	0	0.6	12
Cet.is	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.2	4
Cet.ni	1	1	1	1	0	1	1	1	1	1	1	1	0	1	0	0	1	1	1	1	0.8	16
Cl.mit	0	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0	0	0	1	1	0.7	14
Cl.ran	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Cl.ste	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cla.gr	1	1	1	1	1	1	0	0	1	0	0	1	1	1	0	1	0	0	0	1	0.6	12
Cla.am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	1	0	0	0	1	1	1	0	1	0	0	0	1	1	5	0	1	0	1	0.7	10
Sph.gl	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0.9	18
Ste.al	5	5	10	5	20	10	0	0	1	1	1	5	1	5	5	1	0	0	1	5	4	16
Tha.ve	1	5	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1.1	18
Sal.ar	0	0	0	0	1	0	0	0	1	1	0	1	0	0	0	1	1	1	1	0	0.4	8
Sal.re	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0.25	5
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	40	30	5	15	15	25	10	20	5	10	10	15	5	45	10	35	10	15	15	20	17.75	20
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	5	1	0	5	5	0	1	5	0	0	10	0	0	0	0	0	0	10	5	2.35	15
Emp.ni	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0.5	1
Vac.vi	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	0	0	1	0.75	15
moss	5	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0.45	5
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	1	5	5	1	1	1	0	0	1	0	1	1	5	5	1	1	1	1	1.65	17
grass	1	1	1	1	1	1	0	0	0	0	1	10	0	0	1	1	1	1	1	1	1.15	14
Lois.p	0	0	0	0	0	0	0	0	0	0	15	0	5	0	0	0	0	0	1	0	1.05	3
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	0	0.75	15
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	0	0	1	0	0	0	5	0	5	0	1	0	1	0	1	0	0	1	0.8	8
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	5	0	0	0	1	5	0	1	0	0	0	0	0	0	1	0	0	0	1	0.7	6
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	1	0	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0.4	8
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0.2	4
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Cottonwood Creek Area continued)

ALT126	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	5	5	5	1	0	1	0	1	0	1	1	1	0	5	1	0	0	0	5	0	1.6	13
Bry.di	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	1
Cet.cu	1	5	0	0	1	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	0.65	9
Cet.er	1	0	0	1	1	1	0	1	0	1	0	0	1	0	1	1	1	0	0	0	0.5	10
Cet.is	0	0	1	0	1	1	1	0	1	0	1	0	0	1	0	1	0	1	0	1	0.5	10
Cet.ni	1	0	1	5	1	1	1	5	1	1	1	10	5	1	0	1	0	1	1	1	1.9	17
Cl.mit	1	1	5	1	5	1	10	5	5	5	10	5	5	5	1	1	1	10	1	1	3.95	20
Cl.ran	1	5	1	1	1	1	5	1	1	1	5	5	1	5	1	0	0	1	5	1	2.1	18
Cl.ste	1	1	0	1	1	1	15	0	5	1	1	1	1	1	0	0	1	1	1	0	1.65	15
Cla.gr	0	1	1	0	1	1	1	0	1	1	1	1	1	0	1	1	1	1	0	1	0.75	15
Cla.am	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0.2	4
Cla.un	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0.1	2
Dac.ar	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Pse.pu	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0.2	4
Sph.gl	1	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0.85	17
Ste.al	1	10	5	1	25	25	5	5	5	5	1	1	5	10	5	5	10	5	1	1	6.55	20
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0.95	19
Sal.ar	0	5	5	1	0	0	0	0	0	5	1	0	5	20	5	0	0	1	10	0	2.9	10
Sal.re	0	0	5	5	1	0	5	20	20	0	0	0	5	1	0	0	0	0	0	0	3.1	8
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	15	0	0	5	5	5	1	5	0	0	15	20	5	0	0	0	10	20	20	30	7.8	13
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	5	15	0	0	0	0	0	5	0	0	15	1	1	1	0	0	2.15	7
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	0	0	0	0	0.3	2
Vac.vi	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
moss	0	5	5	1	1	1	1	5	1	1	1	1	1	1	0	0	0	1	1	1	1.4	16
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0.1	2
sedge	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	5	1	1	1.15	19
grass	1	5	1	1	1	1	5	0	25	1	1	1	1	1	1	1	1	1	1	1	2.55	19
Lois.p	0	0	0	1	0	0	0	0	0	5	0	0	5	0	0	1	0	1	0	0	0.65	5
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Anem.n	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0.95	19
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	1	5	0	1	0	0	0	1	0	0	0	0	5	1	0	1	0	0	0.75	7
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	10	15	10	20	5	0	0	1	0	15	5	1	1	0	5	5	10	15	0	5	6.15	15
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0.1	2
Ped.la	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0.3	6
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0.2	4
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0.1	2
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0.15	3
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0.25	5
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Cottonwood Creek Area continued)

PLT127	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	1	1	0	0.25	5
Bry.di	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.2	4
Cet.cu	1	0	1	0	0	1	1	0	1	1	0	0	1	1	1	0	0	1	1	1	0.6	12
Cet.er	1	1	0	0	0	0	1	1	0	1	0	1	1	0	0	1	1	1	1	0	0.55	11
Cet.is	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0.15	3
Cet.ni	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9	18
Cl.mit	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	0	1	1	1	0.7	14
Cl.ran	0	1	0	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0.35	7
Cl.ste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cla.gr	0	1	1	1	0	0	1	1	1	0	1	1	1	0	0	1	0	1	0	0	0.55	11
Cla.am	0	0	1	1	0	0	1	0	0	0	1	0	1	0	0	0	0	1	1	0	0.35	7
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	1	0	0	0	0	0	0	1	1	1	0	1	1	1	1	0	0	0	0.4	8
Sph.gl	1	1	0	1	1	1	0	0	1	1	1	1	1	0	0	0	0	1	1	1	0.65	13
Ste.al	15	15	5	10	5	1	25	5	10	0	35	5	10	0	0	1	1	25	35	0	10.15	16
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0.95	19
Sal.ar	1	0	1	0	0	5	10	0	1	5	0	5	1	1	5	10	5	5	1	10	3.3	15
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	25	15	5	40	75	35	5	1	0	10	0	0	0	0	0	0	0	0	5	10	11.3	11
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	1	1	10	0	20	1	10	20	0	30	15	0	15	15	45	10	10	25	5	11.7	17
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	1	1	1	1	0	0	1	1	1	0	1	1	1	0	0	0	0	1	0	0	0.55	11
moss	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0.15	3
Ped.	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.1	2
sedge	1	1	1	1	0	0	1	0	1	1	1	0	1	0	0	0	0	1	0	1	0.55	11
grass	0	1	1	1	5	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0.5	6
Lois.p	5	10	1	0	0	0	15	5	0	0	0	0	0	5	1	1	5	0	0	0	2.4	9
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	0	0	5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.35	3
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	5	10	0	1	0	1	5	1	5	0	1	5	1	1	0	5	5	1	5	1	2.65	16
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	1	0	1	0	0	1	0	5	1	0	1	1	0	5	0	5	0	0	1	1.1	10
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	1	0	1	0	1	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0.35	7
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Cottonwood Creek Area continued)

PLT128	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	1	5	0	1	1	1	0	0	0	1	1	0	0	1	5	1	0	0	1	12
Bry.di	0	0	5	5	1	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1	0.75	7
Cet.cu	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	0.75	15
Cet.er	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	0	0.25	5
Cet.is	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	1	0.25	5
Cet.ni	1	0	1	1	1	1	1	1	5	5	1	5	1	1	1	1	1	1	0	1	1.5	18
Cl.mit	1	1	0	0	0	1	0	1	1	1	5	1	5	1	1	0	1	1	5	5	1.55	15
Cl.ran	1	10	0	0	0	1	0	1	1	1	1	5	1	1	1	0	1	1	1	1	1.4	15
Cl.ste	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	0.4	8
Cla.gr	1	1	1	0	0	1	0	1	1	1	1	1	1	0	1	0	1	1	0	1	0.7	14
Cla.am	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0.2	4
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	5	5	1	1	1	1	0	0	0	5	0	0	0	5	1	1	0	0	1.3	10
Sph.gl	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0.85	17
Ste.al	50	25	10	0	0	15	0	5	20	1	25	20	15	5	5	10	10	15	40	40	15.55	17
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	1	1	10	0	1	5	0	5	1	0	0	1	5	5	1	0	5	0	2.05	12
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	10	1	25	5	5	35	0	10	10	45	15	25	30	0	5	0	0	15	20	20	13.8	16
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	1	15	5	1	5	10	0	0	0	5	1	5	5	5	10	10	0	0	3.9	13
Emp.ni	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0.75	1
Vac.vi	1	1	0	0	0	0	0	1	1	1	1	0	1	0	0	0	1	1	1	1	0.55	11
moss	1	1	0	0	1	10	0	0	0	1	1	1	1	0	0	0	1	0	1	1	1	11
Ped.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	1	0.25	5
sedge	1	1	1	0	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1	1	0.7	14
grass	5	5	0	0	0	0	0	0	5	1	0	1	0	1	0	0	0	0	1	1	1	8
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	0	0	0	0	0	1	1	1	5	1	1	0	0	0	0	0	1	1	1.8	11
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	0	0	5	0	1	1	0	0	0	0	0	0	1	5	0	0	0	0	0.7	6
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	1	0	1	1	0	10	5	1	0	0	0	0	0	5	5	0	1	0	5	1.8	11
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.1	2
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.1	2
Poly.v	0	0	0	0	0	1	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0.25	5
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0.15	3
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Cottonwood Creek Area continued)

PLT129	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	5	1	0	0	1	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0.55	7
Bry.di	0	0	0	1	0	1	0	0	0	0	0	0	0	0	15	5	0	0	0	0	1.1	4
Cet.cu	1	0	0	1	0	1	0	1	1	1	1	5	0	0	0	0	1	0	0	1	0.7	10
Cet.er	0	1	1	0	1	1	0	1	0	1	1	1	1	0	0	1	0	0	1	1	0.6	12
Cet.is	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cet.ni	1	1	1	1	1	0	1	1	1	0	1	0	1	0	1	1	0	1	1	1	0.75	15
Cl.mit	1	1	0	0	0	0	0	0	1	1	5	5	0	0	0	0	0	0	1	1	0.8	8
Cl.ran	1	1	0	0	0	0	0	0	5	1	1	1	0	0	0	0	0	0	1	1	0.8	8
Cl.ste	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
Cla.gr	1	1	0	0	0	0	0	0	5	0	1	1	0	0	0	0	0	0	1	1	0.55	7
Cla.am	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0.15	3
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Dac.ar	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Pse.pu	1	0	5	5	10	5	20	10	0	0	1	1	5	10	35	50	25	5	5	0	9.7	16
Sph.gl	1	1	1	1	1	1	1	1	0	1	5	0	1	0	1	1	1	1	1	1	1.05	17
Ste.al	5	45	0	0	0	0	0	0	25	15	10	5	0	0	1	0	0	0	1	0	5.35	8
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	5	10	1	5	10	5	0	5	0	5	1	15	1	0	5	5	10	1	5	0	4.45	16
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	15	5	5	15	5	0	0	0	35	20	15	5	0	0	5	0	5	5	15	15	8.25	14
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	5	1	0	0	0	0	1	1	0	0	1	5	0	5	10	0	25	5	1	3	11
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	1	1	1	5	0	0	1	1	1	0	1	1	1	0	0	1	1	0	0	0.8	12
moss	1	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	5	0.6	8
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	0	0	1	1	1	1	1	1	0	1	5	0	1	1	0	1	0	1	1	0.9	14
grass	1	1	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	0	1	1	0.4	8
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0.25	1
Sax.br	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0.35	7
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	1	1	0	0	5	0	5	0	1	0	1	0	5	1	1	0	0	1.05	9
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	1	1	0	0	25	0	5	0	1	1	0	1	0	5	10	0	0	5	5	3.45	11
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0.1	2
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Cottonwood Creek Area continued)

PLT130	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0	1	0.4	4
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	1	1	1	0	0	1	0	1	1	5	1	1	0	0	0	1	0	0	0	1	0.75	11
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.1	2
Cet.is	1	1	5	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1.05	17
Cet.ni	1	0	0	0	0	0	0	1	1	5	1	0	0	0	0	0	0	0	0	1	0.5	6
Cl.mit	5	30	5	5	1	5	10	5	15	15	20	10	1	10	15	1	5	20	5	15	9.9	20
Cl.ran	1	15	10	5	1	1	1	1	5	10	15	10	5	1	5	1	1	1	5	5	4.95	20
Cl.ste	1	5	20	5	5	5	20	25	1	0	1	15	10	15	10	1	20	5	5	5	8.7	19
Cla.gr	1	1	1	1	1	5	5	1	1	1	1	0	1	5	1	1	1	5	0	0	1.65	17
Cla.am	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Cla.un	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0.2	4
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1	2
Ste.al	25	1	0	40	35	40	15	5	20	20	1	0	0	20	20	15	15	15	5	1	14.55	17
Tha.ve	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0.9	18
Sal.ar	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	1
Sal.re	5	5	15	10	0	0	5	1	5	10	15	10	0	1	15	0	1	1	1	10	5.45	16
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0.75	3
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0.75	1
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1.15	19
moss	1	0	5	0	0	0	1	0	1	1	1	1	1	0	0	0	0	1	0	1	0.7	10
Ped.	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	5	1	0.45	5
sedge	1	1	10	0	1	1	5	5	1	0	1	5	1	5	5	0	1	1	10	1	2.75	17
grass	1	25	5	20	10	10	15	20	5	1	0	5	40	20	10	0	1	15	50	5	12.9	18
Lois.p	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	20	0	0	0	0	1.05	2
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	0	0	0.2	4
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0.15	3
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.1	2
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0.15	3
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	2
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.1	2
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	5	1	5	10	1	1	5	5	1	0	5	10	5	10	1	1	10	1	5	4.1	18
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.15	3
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PLT131	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	2
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	5	1	1	0	1	1	1	0	0	1	1	1	0	0	0	1	1	0	0	1	0.8	12
Cet.er	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0.2	4
Cet.is	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	0	1	1	0.75	15
Cet.ni	1	0	1	0	0	1	1	1	1	0	1	0	0	1	0	1	1	1	0	1	0.6	12
Cl.mit	5	5	1	5	1	1	0	5	0	10	5	5	1	1	1	5	1	0	5	1	2.9	17
Cl.ran	1	1	1	1	0	0	1	1	0	5	1	1	1	1	0	1	0	0	1	1	0.9	14
Cl.ste	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	0.3	6
Cla.gr	1	0	1	5	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	16
Cla.am	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0.25	5
Cla.un	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	2
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	2
Sph.gl	0	0	0	0	0	1	1	0	1	0	0	0	0	1	1	0	0	1	0	1	0.35	7
Ste.al	15	30	20	50	20	1	1	10	15	15	40	45	30	20	0	10	10	1	35	35	20.15	19
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0.1	2
Sal.re	1	0	15	0	0	0	0	0	0	10	5	10	0	0	0	0	1	0	0	0	2.1	6
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	40	20	20	20	30	25	20	10	15	5	10	15	20	15	5	10	10	0	5	9	19
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	50	0	0	5	10	0	5	0	15	20	25	5	5	0	15	10	0	10	5	15	9.75	14
Emp.ni	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Vac.vi	1	1	5	1	1	5	1	1	1	1	0	1	0	1	5	5	5	1	1	1	1.9	18
moss	0	0	0	1	0	1	5	0	1	0	0	0	0	1	0	1	5	1	1	1	0.9	10
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
sedge	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	0	0	0	1	1	0.4	8
grass	1	15	5	1	5	1	0	1	1	5	0	1	0	1	0	10	0	0	1	1	2.45	14
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0.25	1
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0.1	2
Anem.n	1	1	1	0	1	0	0	1	1	1	0	1	1	1	1	1	0	0	1	1	0.7	14
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	5	0	5	5	1	1	1	1	1	1	0	0	5	1	5	5	1	1	2.05	17
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0.5	2
Dia.la	0	0	0	0	0	0	0	0	0	0	1	0	0	0	5	0	0	0	1	0	0.35	3
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	1	1	1	0	0	1	0	0	0	1	1	1	0	1	0	1	1	0	0	0	0.5	10
Poly.v	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0.2	4
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0.15	3
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PLT132	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	1	1	5	1	0	0	1	1	5	1	0	0	1	0	0	1	0	1	1	12
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Cet.cu	1	1	1	0	0	1	1	0	1	5	1	1	1	0	1	0	1	1	1	1	0.95	15
Cet.er	0	1	0	1	1	1	0	0	0	1	0	0	1	0	1	0	1	0	0	1	0.45	9
Cet.is	1	0	1	0	0	0	1	0	1	0	1	0	0	1	0	1	1	1	1	0	0.5	10
Cet.ni	0	0	5	5	10	10	1	0	1	0	1	1	0	0	1	1	5	1	1	1	2.2	14
Cl.mit	10	1	10	1	1	1	5	15	1	1	1	15	20	10	1	20	0	5	5	5	6.4	19
Cl.ran	5	1	1	0	1	1	1	5	1	5	1	5	5	1	1	5	0	1	1	1	2.1	18
Cl.ste	1	1	15	0	0	0	1	1	1	5	1	0	5	1	1	15	0	5	0	0	2.65	13
Cla.gr	1	1	0	1	1	1	1	1	0	1	1	1	1	5	0	1	1	5	5	1	1.45	17
Cla.am	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0.25	5
Cla.un	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0.15	3
Dac.ar	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	1	0.55	3
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	1	0	0	1	0.7	14
Ste.al	15	25	20	0	0	1	25	20	5	15	5	5	5	5	5	10	5	20	20	10	10.8	18
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.re	30	10	15	0	0	1	10	1	5	15	10	5	0	1	5	5	0	1	15	25	7.7	16
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	1	1
Dry.oc	0	15	0	15	5	5	0	1	5	1	20	5	0	0	1	0	10	20	0	5	5.4	13
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	1
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	1.5	1
Vac.vi	0	1	0	1	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	0.75	15
moss	5	1	1	1	1	1	0	1	5	1	0	5	1	0	0	1	1	0	15	0	2	15
Ped.	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0.2	4
sedge	1	1	1	1	1	0	0	0	1	1	0	1	1	1	1	5	1	0	0	1	0.9	14
grass	0	1	5	1	1	0	5	35	1	5	1	15	25	5	1	1	1	15	25	1	7.2	18
Lois.p	0	0	0	0	0	10	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0.75	2
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	0	0.8	16
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.1	2
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	10	1	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0.75	6
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Ped.la	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0.2	4
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0.15	3
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0.1	2
Poly.v	0	0	0	1	1	0	1	0	0	1	1	0	0	1	0	0	0	0	0	1	0.35	7
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
mushrm	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1

Appendix 1. (Cottonwood Creek Area continued)

PLT133	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0.15	3
Bry.di	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0.25	5
Cet.cu	1	1	1	0	1	0	1	5	1	1	5	1	1	1	0	1	1	1	1	1	1.25	17
Cet.er	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.is	1	1	1	1	1	0	0	0	0	1	0	0	1	0	0	0	1	0	1	1	0.5	10
Cet.ni	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	0.8	16
Cl.mit	1	1	1	0	1	0	0	0	1	5	1	5	1	1	0	1	0	1	5	1	1.3	14
Cl.ran	1	5	1	0	0	0	0	0	1	5	1	1	1	1	0	0	0	1	1	1	1	12
Cl.ste	5	0	0	0	0	0	0	0	1	1	10	0	0	0	0	0	0	1	0	5	1.15	6
Cla.gr	1	1	1	1	1	0	1	0	1	5	0	1	1	1	0	1	1	0	1	1	0.95	15
Cla.am	0	5	0	0	0	0	0	1	0	1	0	1	1	1	0	0	1	0	0	0	0.55	7
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0.6	13
Ste.al	25	20	15	10	10	0	5	0	45	35	50	25	25	35	0	5	1	10	20	40	18.8	17
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	5	0	1	5	0	0	10	0	0	25	0	0	15	5	5	5	0	0	3.8	9
Sal.re	5	5	0	0	0	0	0	0	0	5	10	0	0	1	0	0	0	0	0	15	2.05	6
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	40	15	45	30	20	60	10	10	5	10	5	15	30	10	10	25	35	15	5	20.05	20
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	10	10	0	0	0	0	1	5	5	5	5	5	5	5	5	5	1	0	10	0	3.85	14
Emp.ni	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0.5	1
Vac.vi	1	1	1	1	1	5	0	1	1	1	1	0	1	0	1	5	1	5	1	1	1.45	17
moss	0	0	1	1	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	1	0.3	6
Ped.	1	1	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1	0	0.35	7
sedge	1	0	0	1	0	1	0	0	1	1	0	0	1	1	0	0	0	0	1	0	0.4	8
grass	1	0	0	1	0	1	0	0	1	1	15	0	1	1	0	5	0	1	5	20	2.65	12
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1	2
Anem.n	0	1	1	0	1	1	1	5	0	0	0	1	1	1	0	1	1	0	1	0	0.8	12
Ast.um	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	2
Oxy.ni	0	0	1	5	1	1	1	5	1	0	0	1	1	1	5	1	5	1	1	1	1.6	16
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	1	0	0	0	0	0	10	0	0	0	1	0	0	5	5	5	0	0	1.35	6
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.15	3
Poly.v	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0.25	5
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PLT134	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.2	4
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0.1	2
Cet.cu	1	1	1	0	1	1	0	1	1	1	1	1	1	0	0	1	1	1	5	0	0.95	15
Cet.er	0	1	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0.25	5
Cet.is	1	0	1	0	0	0	0	1	0	1	1	0	1	0	1	1	0	0	1	1	0.5	10
Cet.ni	1	1	1	1	1	0	1	1	5	1	1	1	0	1	5	1	1	0	0	1	1.2	16
Cl.mit	1	1	10	1	1	1	1	1	5	10	5	10	5	1	1	1	0	1	5	1	3.1	19
Cl.ran	1	1	1	1	1	0	0	1	1	5	1	1	1	0	0	0	0	1	1	1	0.9	14
Cl.ste	1	0	5	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0.5	6
Cla.gr	1	0	1	1	0	1	1	1	1	0	1	1	1	0	1	0	1	0	0	1	0.65	13
Cla.am	0	0	1	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0.3	6
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0.75	15
Ste.al	20	10	20	15	30	1	35	45	15	15	45	35	30	5	15	5	1	20	20	45	21.35	20
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0.95	19
Sal.ar	0	0	0	0	5	10	5	0	0	0	0	0	0	0	0	5	10	0	5	0	2	6
Sal.re	0	5	0	0	0	0	0	0	10	5	5	5	0	0	0	0	0	0	0	0	1.5	5
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	30	15	0	5	0	0	0	10	5	15	30	5	25	10	0	20	1	15	10	35	11.55	15
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	25	25	25	10	10	20	0	0	0	1	5	10	20	0	5	5	10	0	8.55	15
Emp.ni	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0.75	1
Vac.vi	1	5	1	1	1	1	1	5	1	1	1	1	1	1	0	1	1	1	0	0	1.25	17
moss	0	0	0	0	0	0	0	5	5	1	0	5	1	0	0	0	0	0	0	1	0.9	6
Ped.	0	0	1	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	1	1	0.35	7
sedge	1	0	1	1	1	15	1	1	0	0	1	0	0	0	1	1	1	0	1	1	1.35	13
grass	1	0	1	0	0	1	1	1	1	10	5	10	1	0	0	1	0	0	1	1	1.75	13
Lois.p	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	1	0	0	0	0	0	1	1	1	0	1	1	0	1	1	1	1	0	0.6	12
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	5	1	5	5	5	1	0	0	0	0	0	0	1	1	0	5	5	1	0	1.75	11
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0.15	3
Ped.la	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Poly.v	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.2	4
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Cottonwood Creek Area continued)

PLT135	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0.2	4
Bry.di	1	0	0	0	1	0	0	1	0	1	0	5	0	0	0	0	0	5	0	0	0.7	6
Cet.cu	0	1	1	5	5	1	1	1	1	0	1	0	1	1	1	5	1	0	0	0	1.3	14
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0.1	2
Cet.ni	1	0	1	1	1	1	0	1	0	1	1	1	1	1	0	0	0	1	1	5	0.9	14
Cl.mit	1	0	1	5	1	1	5	1	1	0	1	1	1	5	10	5	5	1	1	1	2.35	18
Cl.ran	0	0	1	1	0	0	1	1	1	0	1	1	1	1	5	1	5	1	1	1	1.15	15
Cl.ste	1	0	0	1	1	0	1	0	1	1	0	0	0	0	0	1	0	1	0	0	0.4	8
Cla.gr	1	0	0	0	1	1	0	0	1	0	1	0	0	0	1	1	0	0	0	1	0.4	8
Cla.am	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0.2	4
Cla.un	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.15	3
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0.5	1
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	1	0	1	1	0	1	1	1	1	1	1	0	0	0	0	1	5	1	0.9	14
Ste.al	40	5	45	10	15	10	5	30	55	20	20	30	25	1	5	15	10	10	15	25	19.55	20
Tha.ve	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0.85	17
Sal.ar	0	1	0	0	10	0	0	0	0	1	0	1	0	0	0	0	0	0	5	0	0.9	5
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	15	10	0	0	30	0	1	20	10	15	25	5	25	0	0	0	0	30	0	20	10.3	12
Bet.na	0	0	35	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	2.75	2
Bet.gl	0	0	5	5	0	0	15	0	0	0	0	0	0	0	25	0	0	0	0	0	2.5	4
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	5	0	1	0	5	5	0	0	5	0	0	1	15	1.85	7
Emp.ni	15	25	0	0	0	0	0	0	1	0	5	1	0	0	0	0	0	0	5	0	2.6	6
Vac.vi	1	1	1	5	1	1	5	1	1	1	1	0	1	1	0	1	5	1	0	1	1.45	17
moss	0	0	0	1	0	5	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0.45	5
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	0	5	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0.45	5
grass	1	1	1	10	5	0	1	1	5	1	1	0	1	5	5	5	10	1	0	0	2.7	16
Lois.p	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	5	0	0.3	2
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	1	1	0	5	0	0	1	1	1	0	0	0	0	5	1	1	1	0	0.9	10
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	1	0	5	0	0	1	0	1	5	5	1	0	0	0	0	5	5	1	1.6	12
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0.5	1
Arc.al	0	0	5	10	0	5	30	1	0	0	0	0	0	65	30	1	15	1	1	0	8.2	11
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	0	0	1	1	0	1	0	1	0	1	1	0	0	5	0	1	0	1	0.7	10
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Tof.co	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0.1	2
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Cottonwood Creek Area continued)

PLT136	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0.15	3
Bry.di	0	0	5	1	0	1	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0.65	5
Cet.cu	1	0	1	5	1	0	1	1	0	1	1	0	0	1	0	1	1	1	1	1	0.9	14
Cet.er	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.is	0	0	0	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0.2	4
Cet.ni	1	1	1	0	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	0	0.75	15
Cl.mit	1	5	1	5	1	1	5	1	5	1	10	1	5	5	1	1	1	1	5	5	3.05	20
Cl.ran	0	5	0	0	0	0	1	0	1	0	1	1	5	1	1	0	1	1	1	1	1	12
Cl.ste	0	5	0	0	0	0	1	0	0	1	0	0	1	1	0	0	0	0	1	1	0.55	7
Cla.gr	1	1	1	0	1	1	1	0	1	0	0	1	1	1	0	0	1	0	1	0	0.6	12
Cla.am	0	1	0	1	0	0	0	0	1	0	0	1	1	0	1	1	1	0	1	0	0.45	9
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	0	1	0	1	1	1	0	1	1	0	1	0	1	1	1	1	1	0	0	0.65	13
Ste.al	30	55	50	80	35	25	25	15	55	25	30	5	55	30	30	15	40	30	40	25	34.75	20
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	10	0	1	0	0	0	0	0	0	0	0	5	0	1	5	0	0	0	1.1	5
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	0	5	1	15	20	5	0	0	15	10	15	0	5	25	5	1	10	0	0	6.85	14
Bet.na	0	0	0	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	20	35	4.5	3
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	35	0	5	0	25	40	15	0	0	20	20	25	0	0	1	10	10	0	0	10.3	11
Vac.ca	10	5	10	0	1	5	10	1	1	1	0	0	5	5	5	10	15	15	5	0	5.2	16
Emp.ni	20	0	0	0	0	0	0	25	0	25	1	5	0	0	0	0	0	0	0	15	4.55	6
Vac.vi	0	0	0	1	1	1	1	5	0	0	1	10	1	0	0	0	1	0	0	0	1.1	9
moss	0	0	0	0	10	0	0	0	5	0	1	1	0	0	0	0	0	0	0	1	1.15	6
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
grass	0	0	0	1	5	0	0	1	1	1	1	1	0	1	1	0	0	0	0	1	0.7	10
Lois.p	5	0	0	1	0	0	0	0	0	5	0	10	0	0	1	5	0	0	1	0	1.4	7
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	1	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0.25	5
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	1	0	1	5	0	0	0	0	0	0	0	1	0	1	5	1	0	0	0.75	7
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	5	0	0.4	4
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	1	0	0	0	0	0	0	1	0	0	0	0	1	1	0	5	0	0	0.5	6
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PLT137	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0.2	4
Bry.di	1	1	0	0	0	0	0	1	5	0	0	0	0	0	0	0	0	1	0	0	0.45	5
Cet.cu	0	0	0	1	1	0	1	0	1	1	0	0	0	0	1	0	1	1	0	0	0.4	8
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Cet.is	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0.3	6
Cet.ni	1	5	1	0	1	1	0	1	1	1	0	1	1	0	0	0	0	15	1	0	1.5	12
Cl.mit	5	1	5	0	1	0	1	5	5	10	5	5	10	1	1	1	5	15	5	15	4.8	18
Cl.ran	1	1	5	1	1	1	5	1	1	5	1	1	5	1	1	1	5	5	1	5	2.4	20
Cl.ste	1	0	20	1	1	0	15	0	15	5	1	1	20	1	0	1	5	5	1	10	5.15	16
Cla.gr	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0.6	12
Cla.am	1	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0.3	6
Cla.un	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0.1	2
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	1	0	0	0	0	1	1	1	0	0	1	0	0	0	0	1	1	0	0.45	9
Ste.al	0	1	0	1	0	0	1	1	1	10	1	10	5	1	0	1	5	10	5	1	2.65	15
Tha.ve	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0.65	13
Sal.ar	0	0	0	0	0	0	0	1	1	10	0	0	1	0	0	0	0	1	0	0	0.7	5
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.cc	30	5	5	0	0	0	0	5	1	10	1	0	25	0	0	0	0	0	10	1	4.65	10
Bet.na	0	0	0	15	35	15	40	15	0	5	1	0	0	25	5	5	30	0	0	15	10.3	12
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	5	1	0	1	1	0	0	5	0	0	10	0	0	0	15	0	5	0	5	2.4	9
Emp.ni	15	0	15	25	75	65	20	50	0	0	60	50	15	75	65	50	45	5	15	40	34.25	17
Vac.vi	1	0	1	1	1	1	5	0	0	0	0	0	0	0	1	1	1	0	1	1	0.75	11
moss	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	5	1	5	1	1	1	0	1	0	0	1	1	1	1	0	1	0	1	1	1.15	15
grass	1	1	1	0	1	1	5	5	1	1	1	0	1	1	1	0	1	1	1	5	1.45	17
Lois.p	1	1	0	0	0	0	0	1	0	0	5	0	0	0	1	0	0	1	10	0	0.95	6
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	1	1	0	0.25	5
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	1	0	0	0.6	3
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	5	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.5	4
Arc.al	0	1	0	10	15	15	5	0	0	0	0	0	0	5	20	15	0	0	0	0	20	8
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	1	1	0	0.3	6
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	1	0	1	1	1	0	1	1	5	1	1	10	5	1	0	0	5	5	5	1	2.25	16
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0.15	3
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0.1	2
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. Vegetation Cover Values Per Sampling Areas (continued)

7) Big-Indian Creek Longer-Established Caribou Population Winter-Use Area

PLT104	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1.1	18
Bry.di	1	5	10	5	5	1	1	10	5	0	10	5	1	5	5	0	1	1	1	1	3.65	18
Cet.cu	0	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0.75	15
Cet.er	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1	0.2	4
Cet.is	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	1	1	0	0	0	0.35	7
Cet.ni	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1	0	1	1	1	1	1.15	19
Cl.mit	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Cl.ran	0	0	0	1	0	1	1	1	1	0	0	1	1	1	0	1	1	1	0	0	0.55	11
Cl.ste	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	5	1	0	0	0	0.55	7
Cla.gr	0	0	0	0	1	0	0	1	1	0	0	0	1	0	1	1	0	0	0	0	0.3	6
Cla.am	0	0	0	0	0	0	1	1	1	0	0	1	0	1	1	0	0	0	1	0	0.35	7
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0.1	2
Dac.ar	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0.15	3
Pse.pu	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0.2	4
Sph.gl	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0.85	17
Ste.al	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	5	0	0	0	0	0.45	5
Tha.ve	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	0.85	17
Sal.ar	1	1	0	1	1	1	5	0	0	0	5	1	1	0	5	5	1	0	0	1	1.45	13
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	45	25	15	0	50	25	10	25	15	25	10	10	25	2	10	5	20	1	25	20	19.3	19
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bet.ny	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	1	5	5	0	0	5	0	0	0	0.8	4
Emp.ni	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	15	0	0.85	3
Vac.vi	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0.1	2
moss	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0.2	4
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	5	1	1	1	5	1.3	18
grass	1	1	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.4	20
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	0	1	0	0	1	1	1	0	0	0	0	0	1	1	0	1	1	0	0.45	9
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	1	0	0	0	0	0	1	5	1	1	1	0	1	0	0	1	1	5	0.95	11
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	10	5	5	0	5	0	5	5	1	5	5	10	1	15	0	1	5	5	10	4.65	17
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	6
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1	0	0.25	5
Ant.mo	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT105	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0.25	5
Bry.di	1	0	0	1	20	0	1	5	0	1	5	1	1	0	0	0	0	1	1	1	1.95	12
Cet.cu	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0.3	6
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	1	1	0	0	0	1	1	0	0	1	1	0	0	1	0	0	0	1	1	1	0.5	10
Cet.ni	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	0.9	18
Cl.mit	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Cl.ran	1	5	1	0	0	1	1	1	1	1	1	1	0	1	0	1	5	1	0	1	1.1	14
Cl.ste	1	1	0	0	1	1	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0.45	9
Cla.gr	1	0	0	1	1	1	1	1	0	1	0	1	1	1	1	1	0	1	1	1	0.75	15
Cla.am	1	1	1	0	0	1	1	1	1	1	0	1	1	0	1	1	0	1	1	0	0.7	14
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Sph.gl	0	0	1	1	1	1	1	1	1	1	5	1	1	1	0	0	0	1	1	1	0.95	15
Ste.al	5	1	10	0	1	5	5	10	20	5	1	5	0	5	1	1	15	5	1	5	5.05	18
Tha.ve	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0.9	18
Sal.ar	0	0	0	0	1	1	0	1	10	1	0	0	0	0	0	0	0	10	0	0	1.45	7
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	25	25	10	15	25	30	1	5	1	25	40	1	25	0	0	0	30	0	20	13.9	15
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	20	0	1	0	0	0	0	0	95	45	55	0	0	0	10.8	5
Bet.ny	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	10	1	0	0	0	0	20	5	0	10	5	0	0	0	1	0	10	25	5	4.6	10
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0.5	1
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0.25	1
moss	1	0	0	0	0	20	0	0	10	0	0	0	0	1	1	0	0	0	0	0	1.65	5
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	0	1	1	1	1	5	1	1	1	5	1	0	1	1	0	1	1	1	1.25	17
grass	5	5	5	1	1	5	5	1	5	5	1	1	1	25	1	5	5	5	0	1	4.15	19
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Anem.n	1	0	0	1	0	1	1	0	0	1	0	1	1	1	1	0	1	1	0	0	0.55	11
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0.2	4
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	5	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	1	2
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	1	0.2	4
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0.25	1
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1

Appendix 1. (Big-Indian Creek Area continued)

PLT106	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	1	1	1	0	0	1	0	1	0	0	0	0	1	1	1	0	1	1	0.5	10
Bry.di	1	1	1	5	1	20	20	5	0	0	0	0	1	10	5	1	1	1	1	5	3.95	16
Cet.cu	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0.15	3
Cet.er	0	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0.25	5
Cet.is	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0.2	4
Cet.ni	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0.95	19
Cl.mit	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0.9	18
Cl.ran	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	0	0	1	1	0.75	15
Cl.ste	0	1	0	0	0	1	0	0	0	1	1	1	0	1	0	1	0	0	0	0	0.35	7
Cla.gr	1	1	1	1	1	1	0	0	1	0	1	1	1	0	0	1	0	1	0	1	0.65	13
Cla.am	1	0	1	1	0	1	1	1	1	0	1	1	1	0	0	1	0	1	1	1	0.7	14
Cla.un	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Pse.pu	1	0	1	5	10	5	0	0	0	0	0	0	0	1	30	10	5	1	0	0	3.45	10
Sph.gl	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0.95	19
Ste.al	1	5	0	1	0	0	1	0	5	1	5	20	10	0	1	1	1	1	5	1	2.95	15
Tha.ve	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	0.85	17
Sal.ar	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	20	20	15	10	15	5	1	10	45	20	10	15	20	20	0	5	30	15	15	25	15.8	19
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Bet.ny	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	5	0	5	1	5	0	0	0	0	0	1	0	0	0	1	1	1	1	8
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.15	3
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	1	5	0	0	1	0	1	1	1	1	1	1	0	0	0	0	0	1	0.8	12
grass	0	5	5	0	0	0	1	0	1	10	5	5	1	0	1	1	1	1	1	10	2.4	14
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0.25	5
Anem.n	1	1	1	0	0	0	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0.65	13
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	5	1	5	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0.7	6
Arc.al	5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.3	2
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.15	3
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT107	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1	1	1	0	0.35	7
Bry.di	1	0	1	1	5	5	1	5	0	0	1	1	1	1	1	5	5	5	1	1	2.05	17
Cet.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.er	0	0	0	1	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0.25	5
Cet.is	1	1	1	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0.35	7
Cet.ni	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9	18
Cl.mit	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	0.8	16
Cl.ran	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0.25	5
Cl.ste	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0.25	5
Cla.gr	0	0	1	1	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0.35	7
Cla.am	0	0	1	1	0	0	0	1	1	0	0	0	1	0	0	1	0	1	0	0	0.35	7
Cla.un	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.15	3
Pse.pu	0	0	0	1	10	15	10	0	0	0	0	0	1	10	1	0	0	0	0	1	2.45	8
Sph.gl	1	1	5	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1.15	19
Ste.al	1	1	5	0	0	1	1	1	1	1	1	1	0	0	0	0	10	1	1	1	1.35	14
Tha.ve	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	1	1	1	0.85	17
Sal.ar	0	0	1	10	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5	1.15	6
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	10	30	25	1	0	5	10	25	20	20	10	15	25	0	0	20	5	15	15	25	13.8	17
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.ny	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	5	5	1	1	1	0	0	0	0	1	1	1	5	5	10	1	1	1.9	13
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	1	0	0	0	0	1	0	1	0	0	1	0	0	0	1	1	0	0	1	0.35	7
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	1	1	1	1	1	1	1	1	5	1	0	0	1	1	1	1	1	0	1.05	17
grass	10	5	5	1	1	0	1	1	1	5	5	1	5	0	1	1	5	1	1	0	2.5	17
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	1	0	0.35	7
Anem.n	0	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0.6	12
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	1	5	0	1	1	1	0	0	0	1	1	0	5	1	0	5	0	0	1.15	11
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	5	1	5	0	0	0	0	0	0	5	1	0	1	1	0	1	5	1.25	9
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	1.5	1
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.1	2
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0.1	2
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT108	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	1	1	0	0	1	1	0	1	1	0	1	1	0	0	1	0	0.45	9
Bry.di	1	1	1	1	1	1	0	1	5	1	1	1	0	0	1	1	0	0	1	1	0.95	15
Cet.cu	0	0	1	1	1	1	0	0	0	1	1	0	1	0	0	1	0	0	0	0	0.4	8
Cet.er	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0.1	2
Cet.is	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0.5	10
Cet.ni	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0.85	17
Cl.mit	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	0.95	19
Cl.ran	1	0	0	1	1	0	1	1	0	1	1	0	1	1	1	0	1	1	1	0	0.65	13
Cl.ste	1	0	0	10	1	0	0	1	0	0	0	0	1	1	1	0	1	1	1	0	0.75	6
Cla.gr	1	1	0	0	0	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	0.65	13
Cla.am	1	0	0	0	1	0	1	1	0	0	0	0	1	0	0	0	1	1	1	0	0.4	8
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0.3	2
Pse.pu	0	1	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	5	5		0.7	6
Sph.gl	1	1	1	0	1	1	1	0	1	1	1	1	0	1	5	1	1	1	0	1	1	16
Ste.al	1	0	1	0	5	1	1	1	0	0	0	1	1	5	1	0	5	1	1	0	1.25	13
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0.9	18
Sal.ar	10	0	10	0	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	1.2	6
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	10	20	1	0	15	5	20	25	20	15	10	10	15	0	20	20	35	20	0	5	13.3	17
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	15	0	0	5	0	5	0	0	1	0	1	0	5	10	0	5	10	10	3.35	17
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
Vac.vi	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0.25	5
moss	1	1	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0.3	6
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0.85	17
grass	1	1	5	25	5	1	5	5	1	1	1	1	5	5	0	1	5	1	1	1	3.55	19
Lois.p	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0.25	1
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	1	0	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0.3	6
Anem.n	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0.8	16
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	1	0	1	0	0	0	1	0	0	0	0	1	1	1	0	0	1	1	0.45	9
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	5	1	25	0	0	1	20	0	1	5	10	0	0	5	0	1	1	1	1	1	3.9	14
Arc.al	0	0	1	0	0	0	0	1	0	0	0	5	0	0	0	0	0	0	5	0	0.6	4
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	1	0	1	1	1	0	0	1	0	1	0	0	0	0	0	0.3	6
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Min.ar	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	1	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0.2	4
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0.2	4
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	1	1	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0.25	5
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PLT109	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	1	1	0	1	0	1	0	5	1	1	0	1	0	0	1	0	1	1	0.85	13
Bry.di	5	5	1	0	1	0	1	1	5	5	1	5	1	1	1	0	1	1	1	5	2.05	17
Cet.cu	1	0	1	0	1	0	1	0	1	1	1	0	1	1	0	1	1	1	1	1	0.7	14
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	0	1	1	1	0	1	1	1	1	1	1	0	1	0	0	1	1	0	1	1	0.7	14
Cet.ni	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	1	1	1	1	0.85	17
Cl.mit	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Cl.ran	1	0	1	0	1	1	1	1	0	1	1	0	0	1	1	10	5	0	1	1	1	14
Cl.ste	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	5	1	0	0	1	0.45	5
Cla.gr	0	1	0	1	0	1	0	1	0	0	1	1	1	0	1	1	0	0	1	0	0.5	10
Cla.am	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	0	1	0	1	1	0.75	15
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Pse.pu	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0.2	4
Sph.gl	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0.95	19
Ste.al	0	0	5	1	0	1	5	1	1	1	1	10	0	5	0	0	0	1	1	1	1.65	12
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0.9	18
Sal.ar	0	5	1	0	0	5	0	0	15	5	0	0	0	5	25	0	0	20	5	1	4.35	10
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	20	20	20	25	1	25	15	20	15	15	15	15	20	10	0	20	15	25	20	35	17.55	19
Bet.na	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.ny	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	1	0	0	0	1	0	1	0	1	0	0	1	5	0	0	0	0	1	0.55	7
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	0	0	1	0	1	0	1	1	1	0	0	0	0	0	1	1	0	1	0.5	10
grass	1	5	0	1	1	5	1	5	5	1	1	1	0	0	1	20	5	1	0	5	2.95	15
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	1	0	1	1	0	0	0	1	0	0	1	1	1	1	0	0	1	1	0	1	0.55	11
Anem.n	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	1	0.85	17
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0.25	5
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	5	1	1	1	5	10	5	15	15	1	1	5	15	1	0	0	5	10	1	5.6	18
Arc.al	0	0	0	1	0	0	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0.35	3
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.1	2
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Poly.v	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	1	0	0.2	4
Tof.co	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0.3	6
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT110	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	1	0	1	0	0	1	0	0	0	1	1	1	1	0	1	1	1	1	0.55	11
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0.1	2
Cet.cu	0	0	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	0	0	0.6	12
Cet.er	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0.3	6
Cet.is	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0.9	18
Cet.ni	0	0	0	1	1	1	1	1	4	0	0	1	5	5	5	1	5	1	1	1	1.75	15
Cl.mit	5	10	10	10	10	5	5	5	5	10	10	5	1	15	10	1	5	5	5	1	6.6	19
Cl.ran	5	10	10	15	15	15	10	5	10	5	5	5	5	10	5	1	1	5	5	1	7.15	20
Cl.ste	40	10	15	20	5	5	5	20	1	20	5	10	1	5	5	1	1	5	5	1	9	20
Cla.gr	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1.15	15
Cla.am	1	5	1	1	1	1	1	0	1	1	1	5	0	1	0	0	1	0	1	1	1	12
Cla.un	0	0	0	0	0	0	1	1	0	0	1	1	1	0	1	0	0	1	0	0	0.35	7
Dac.ar	1	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0.3	6
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0.6	12
Ste.al	1	5	0	1	0	1	0	1	5	1	0	1	1	1	1	1	0	1	5	0	1.3	14
Tha.ve	1	1	1	1	0	1	0	1	0	1	1	0	1	1	1	1	1	1	1	1	0.8	16
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	25	1	1	10	1	2	7
Sal.re	1	1	5	5	1	0	5	1	1	1	10	10	0	0	0	0	0	0	0	0	2.05	11
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	15	0.8	2
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Bet.ny	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	5	10	10	1	1	10	5	5	1	10	15	1	20	15	20	1	5	20	15	10	9	20
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	1	0	1	1	1	1	5	1	1	1	1	1	1	1	1	0	1	1	1	1	1.1	18
moss	1	1	1	1	1	1	5	1	1	1	1	0	1	0	5	1	0	1	0	0	1.15	15
Ped.	0	0	0	1	1	1	1	0	0	1	1	0	1	0	1	1	1	0	1	0	0.5	10
sedge	1	5	1	1	5	1	5	0	1	1	1	1	5	1	1	1	1	1	1	5	1.95	19
grass	1	1	1	1	1	1	1	0	1	5	5	1	0	1	1	0	1	1	1	1	1.25	17
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Anem.n	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	0	0.8	16
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	5	0	0	0	0	5	0	20	15	0	0	0	2.25	4
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0.1	2
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	5	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0.5	6
Poly.v	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0.25	5
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0.2	4
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT111	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	1	1	1	0	1	1	0	1	5	1	0	1	1	1	1	1	1	1	0.95	15
Bry.di	0	0	1	0	5	1	0	0	0	1	1	0	0	1	0	1	0	0	1	1	0.65	9
Cet.cu	0	0	1	0	1	1	1	1	0	0	1	0	0	1	1	1	0	1	1	1	0.6	12
Cet.er	1	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0.45	9
Cet.is	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	1	1	0.8	16
Cet.ni	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Cl.mit	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Cl.ran	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0.65	13
Cl.ste	1	1	1	1	1	1	0	1	1	1	0	0	1	1	0	1	0	1	0	1	0.7	14
Cla.gr	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	0.85	17
Cla.am	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0.55	11
Cla.un	1	1	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0.25	5
Dac.ar	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0.1	2
Sph.gl	0	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	5	1.05	17
Ste.al	1	1	1	0	1	0	1	1	1	1	0	1	1	1	1	0	0	1	0	0	0.65	13
Tha.ve	1	0	1	1	0	1	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0.75	15
Sal.ar	15	0	5	0	0	5	0	0	1	1	1	1	1	5	0	0	1	5	1	0	2.1	12
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	1	0	1	0	1	1	0	5	1	0	0	5	0	0	20	0	5	1	2.05	10
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.ny	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	5	0	0	0	0	0	5	30	5	1	20	10	20	0	0	5	10	0	10	6.1	12
Emp.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.vi	1	1	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	1	0	0	0.35	7
moss	1	0	5	0	0	1	0	0	1	0	0	0	5	1	1	5	0	1	0	1	1.1	10
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	0	1	0	0	1	1	1	1	0	1	1	0	0	0	0	1	0	0	0.5	10
grass	1	1	0	0	1	1	0	1	1	1	0	1	1	0	0	1	0	1	1	1	0.65	13
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0.1	2
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.1	2
Anem.n	0	1	1	1	0	0	1	1	1	0	1	0	1	0	0	0	0	1	1	1	0.55	11
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	1	0	0.3	6
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	1	10	0	1	0	10	5	0	1	15	5	0	10	0	20	0	1	5	10	4.75	14
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0.15	3
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0.2	4
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Poly.v	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	1	1	0	1	0	0	1	0	0	1	0	0	0	0	1	0	0	1	1	0.4	8
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT112	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	1	1	0	1	0	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0.75	15
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	0	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	0	0.75	15
Cet.ni	0	0	0	0	1	1	0	0	1	1	0	1	1	0	0	1	1	1	1	1	0.55	11
Cl.mit	0	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1.35	19
Cl.ran	0	0	1	1	1	1	5	1	1	1	1	1	1	1	5	1	5	1	1	1	1.5	18
Cl.ste	0	0	1	1	5	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0.9	14
Cla.gr	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0.9	18
Cla.am	1	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	1	0	0	1	0.4	8
Cla.un	0	0	0	0	1	0	0	1	0	0	1	1	1	1	1	0	0	1	1	1	0.5	10
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	1	0.25	5
Ste.al	1	5	5	1	1	1	1	5	5	1	1	5	1	5	10	1	5	5	0	1	3	19
Tha.ve	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0.85	17
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	20	1	1.8	3
Bet.na	0	5	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	2.5	3
Bet.gl	0	0	0	0	0	0	0	0	5	0	0	0	15	0	55	15	0	0	0	0	4.5	4
Bet.ny	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	1	1	10	1	5	15	15	0	10	10	5	1	5	1	1	0	5	5	10	5.1	18
Emp.ni	0	15	5	5	0	0	20	1	25	0	0	0	0	0	0	5	0	0	0	0	3.8	7
Vac.vi	1	1	1	10	1	5	15	15	0	10	10	5	1	5	1	1	0	5	5	10	0.85	13
moss	0	0	1	0	0	0	1	0	1	0	5	0	1	0	1	0	1	0	1	0	0.6	8
Ped.	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	2
sedge	1	0	5	1	1	0	1	1	1	0	0	1	0	1	0	0	0	1	0	0	0.7	10
grass	10	0	1	1	5	25	1	5	5	5	5	5	20	5	10	0	0	5	5	0	5.65	16
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0.25	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	1	0	0	1	0	1	1	1	0	0	0	1	0	0	0	0	1	1	0.5	10
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0.5	1
Arc.al	5	0	0	0	0	0	1	0	0	0	0	5	0	20	0	20	0	0	0	0	2.55	5
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	5	0	0	0.35	3
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	1	10	20	0	5	1	0	1	0	0	0	5	1	5	5	0	1	0	0	2.75	11
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	2
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT113	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	1	0	0.25	5
Bry.di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.cu	0	0	1	1	1	1	0	1	1	0	0	1	1	0	1	1	1	0	1	1	0.65	13
Cet.er	1	0	1	0	0	0	0	1	0	1	1	0	1	0	0	1	0	0	0	1	0.4	8
Cet.is	0	0	0	1	1	1	1	1	1	0	0	0	1	1	0	1	1	1	0	0	0.55	11
Cet.ni	1	1	1	1	1	1	1	1	1	1	5	1	1	1	0	1	1	1	1	0	1.1	18
Cl.mit	1	1	1	1	5	5	5	1	1	1	1	1	1	5	10	1	5	1	5	1	2.65	20
Cl.ran	1	1	1	1	1	1	5	0	1	1	1	1	5	5	1	1	1	1	1	1	1.55	19
Cl.ste	0	1	1	1	5	1	1	1	1	1	0	0	5	5	1	1	1	5	1	0	1.6	16
Cla.gr	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	0.85	17
Cla.am	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1	0.35	7
Cla.un	0	1	0	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0.25	5
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0.35	7
Ste.al	1	1	5	10	5	5	5	5	0	1	1	1	1	1	15	5	15	15	1	5	4.9	19
Tha.ve	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1	0	1	1	1	1	1.15	19
Sal.ar	0	0	0	5	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.75	2
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	20	1	0	1	0	0	1	1	10	1	1	5	0	0	15	0	0	0	0	3.05	11
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0.5	1
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0.25	1
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	1	1	5	5	5	5	5	10	5	10	5	10	10	10	0	10	10	5	10	6.15	19
Emp.ni	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Vac.vi	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0.2	4
moss	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0.3	6
Ped.	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0.15	3
sedge	0	0	0	1	1	0	1	1	1	0	0	0	1	1	1	0	1	1	0	1	0.55	11
grass	0	0	1	1	1	10	5	1	1	0	0	0	1	1	5	0	1	1	0	1	1.5	13
Lois.p	0	1	0	0	1	0	0	1	0	0	0	1	0	0	0	1	1	0	0	1	0.35	7
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0.15	3
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	1	1	0	0	0	0	1	0	1	1	1	0	0	0	0	0	1	0	0	0.35	7
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Dia.la	5	5	5	5	5	0	0	10	0	0	1	1	1	1	0	1	1	1	20	1	3.15	15
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0.3	2
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0.25	5
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	5
Poly.v	1	0	1	1	1	0	1	1	1	1	0	0	1	1	1	0	1	1	0	0	0.65	13
Tof.co	1	0	0	1	0	0	0	1	0	1	1	1	0	0	0	1	0	0	0	0	0.35	7
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0.1	2
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT114	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0.25	5
Bry.di	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0.2	4
Cet.cu	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0.9	18
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0.25	5
Cet.ni	1	1	1	0	0	1	0	0	1	0	0	1	1	0	1	0	1	1	0	0	0.5	10
Cl.mit	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Cl.ran	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0.9	18
Cl.ste	0	0	0	1	1	1	0	1	1	1	0	1	1	0	0	1	1	1	1	0	0.6	12
Cla.gr	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	0	0.2	4
Cla.am	1	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	0	0.4	8
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55	2
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0.25	5
Ste.al	1	1	0	1	0	0	1	1	1	1	0	1	1	0	1	1	1	15	1	0	1.4	14
Tha.ve	1	1	1	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	1	1	0.45	9
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0.5	1
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	25	60	25	0	0	0	0	50	30	50	75	30	0	0	0	0	0	15	30	15	20.25	11
Bet.na	0	0	0	0	0	1	5	0	0	0	0	0	0	5	30	30	5	20	0	0	4.6	7
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.ny	0	0	0	80	0	0	15	0	0	0	0	1	0	15	0	0	15	0	0	5	6.55	6
Vac.ca	1	10	0	0	10	15	0	0	5	10	1	1	0	0	0	10	0	15	0	1	3.95	11
Emp.ni	0	0	0	5	70	40	0	0	0	0	0	0	0	10	10	10	15	0	0	0	8	7
Vac.vi	0	0	0	1	0	0	1	0	0	1	1	0	0	0	1	0	0	0	0	1	0.3	6
moss	0	0	0	0	20	0	0	1	0	0	0	0	0	0	0	0	0	0	5	25	2.55	4
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	0	1	1	5	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0.5	6
grass	0	0	1	1	0	1	5	1	1	0	0	5	1	5	0	0	0	1	5	0	1.35	11
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0.2	4
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0.15	3
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arc.al	0	0	0	0	0	1	5	0	0	0	0	0	5	20	0	0	5	1	0	0	1.85	6
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.oe	0	0	0	1	1	1	0	0	0	0	0	0	0	5	1	0	1	0	0	0	0.5	6
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	5	1	0	0	0	0.35	3
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	3
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT115	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	1	5	0	1	1	0	1	5	0	1	1	5	1	5	0	1	1	1	5	1.7	15
Bry.di	25	1	1	0	1	5	1	0	5	0	1	0	1	5	1	1	5	1	1	0	2.75	16
Cet.cu	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0.9	18
Cet.er	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.15	3
Cet.is	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0.2	4
Cet.ni	1	5	1	1	1	1	1	1	1	1	1	1	1	5	1	1	5	5	1	1	1.8	20
Cl.mit	5	5	1	5	5	5	0	5	1	1	5	1	0	5	1	1	5	1	1	1	2.7	18
Cl.ran	1	1	1	5	1	5	1	1	1	1	1	1	5	5	1	1	5	1	1	1	2	20
Cl.ste	0	5	1	20	10	5	1	5	1	0	10	1	5	1	1	5	1	1	1	5	3.95	18
Cla.gr	0	1	1	1	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0.75	15
Cla.am	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0.3	6
Cla.un	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0.2	4
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	1	1	1	1	0	0	1	0	1	1	0	0	5	1	0	1	0	1	0.85	13
Ste.al	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Tha.ve	1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	1	1	0.8	16
Sal.ar	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	5	0	0.4	4
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	0	0.25	5
Bet.na	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	10	15	5	5	10	1	5	5	5	1	0	5	1	5	0	0	0	1	1	1	3.8	16
Emp.ni	5	0	10	10	15	25	1	25	0	0	1	10	20	10	15	20	1	15	0	0	9.15	15
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	0	1	0.8	16
grass	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	0.85	17
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	0	0	0	1	1	1	0	5	0	0	0	0	0	0	1	0	1	5	0	0.8	8
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	5	5	0	1	5	1	10	20	10	5	10	0	1	15	15	5	20	15	25	6.2	18
Arc.al	1	1	5	10	0	5	0	5	15	5	5	1	1	5	1	1	5	5	5	0	3.8	17
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	1	1	5	5	1	0	1	0	0	1	0	1	5	0	1	1	1	0	0	1.2	12
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0.25	5
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT116	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	0	1	0	1	1	0	1	1	0	1	1	1	1	0	5	1	1	1	0.95	15
Bry.di	5	5	5	1	1	1	0	0	45	5	10	15	10	15	1	5	5	5	15	5	7.4	18
Cet.cu	1	1	0	0	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1	0	0.5	10
Cet.er	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	1	1	1	1	1	0.4	8
Cet.is	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.ni	0	5	1	1	1	1	5	1	1	1	1	1	5	1	1	1	1	1	1	1	1.55	19
Cl.mit	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Cl.ran	1	1	0	0	1	0	1	1	0	1	0	1	1	1	1	1	0	0	1	0	0.6	12
Cl.ste	0	0	1	0	0	0	1	5	1	1	0	1	0	1	0	0	1	0	1	0	0.6	8
Cla.gr	1	1	1	1	1	0	1	1	1	0	0	1	1	1	0	1	1	0	1	0	0.7	14
Cla.am	0	0	0	1	1	0	1	0	0	0	1	1	1	1	0	1	1	0	1	0	0.5	10
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.85	17
Ste.al	0	0	1	0	0	0	1	1	1	0	0	5	1	1	0	1	0	1	5	1	0.95	11
Tha.ve	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	5	5	15	1	25	20	5	15	1	5	20	5	5	10	1	1	10	5	5	5	8.2	20
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	1	10	25	1	0	1	5	20	0	0	5	5	5	1	15	10	10	10	10	6.75	17
Emp.ni	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Vac.vi	1	1	1	0	1	1	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0.65	13
moss	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0.3	6
grass	0	1	1	0	1	1	1	1	0	0	1	0	5	1	1	1	0	0	1	0	0.8	12
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0.15	3
Anem.n	1	0	0	0	1	1	1	1	0	1	1	0	1	1	1	0	0	1	0	0	0.55	11
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.05	1
Oxy.ni	1	1	1	1	0	0	1	0	0	1	0	1	1	0	1	1	10	1	0	0	1.05	12
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	20	0	0	5	1	5	20	5	20	1	0	0	1	0	0	0	0	0	20	4.9	10
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0.25	5
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.05	1
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Tof.co	1	0	1	0	0	1	1	1	0	1	1	1	0	1	0	0	1	1	0	1	0.6	12
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1	0	0.25	5
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT117	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	5	5	5	1	5	5	20	1	1	1	1	1	1	1	1	1	1	10	1	1	3.4	20
Bry.di	10	5	1	20	10	20	1	1	1	1	5	5	1	1	5	5	15	5	1	1	5.7	20
Cet.cu	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0.85	17
Cet.er	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0.25	5
Cet.is	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Cet.ni	5	1	5	1	1	5	1	5	1	1	1	1	1	1	1	1	1	5	1	1	2	20
Cl.mit	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Cl.ran	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	0.85	17
Cl.ste	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0.2	4
Cla.gr	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	1	0	0.3	6
Cla.am	1	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0.35	7
Cla.un	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0	1	0.3	6
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	5	1	1.1	18
Ste.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tha.ve	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	0	0.85	17
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	10	5	0	0	10	0	1	1	1	15	10	1	1	0	1	15	1	0	5	20	4.85	15
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	20	0	1	0	0	0	0	0	0	0	0	15	0	0	0	1.8	3
Emp.ni	0	0	30	1	5	0	20	10	0	0	1	5	0	0	0	10	10	0	0	0	4.6	9
Vac.vi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
moss	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.15	3
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	0	0	0	1	0	1	0	1	0	1	1	1	0	1	0	1	0	0	1	1	0.5	10
grass	0	1	1	1	1	1	0	0	0	1	1	1	0	1	0	1	0	1	1	1	0.65	13
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0.2	4
Anem.n	1	0	0	1	1	0	1	1	1	0	0	1	1	1	1	1	0	1	1	1	0.7	14
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	0	0	1	1	5	0.95	15
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	35	5	15	10	1	15	15	25	5	0	10	20	15	1	15	10	30	10	0	11.9	18
Arc.al	1	1	5	5	0	1	5	0	5	0	0	0	10	1	15	5	1	5	5	0	3.25	18
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0.2	4
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	1	1	1	1	0	0	0	0	0	0	0	0	5	0	0	0	0	1	0	0	0.25	6
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Tof.co	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	1	0.85	17
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0.1	2
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT118	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	1	1	0	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	0.7	14
Bry.di	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.cu	1	1	1	0	1	1	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0.55	11
Cet.er	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	2
Cet.is	1	0	0	1	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	1	0.45	9
Cet.ni	1	1	0	10	1	1	1	5	5	1	0	10	5	5	1	1	5	1	1	1	3.05	19
Cl.mit	5	5	10	1	1	1	1	1	1	5	1	5	1	5	1	10	1	1	5	1	3.1	20
Cl.ran	1	1	1	1	1	1	1	1	0	1	1	1	1	1	5	1	1	1	1	1	1.15	19
Cl.ste	20	5	5	0	5	10	0	5	1	20	10	0	5	1	25	10	1	0	10	10	7.15	16
Cla.gr	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0.85	17
Cla.am	1	0	0	0	0	1	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0.4	8
Cla.un	0	1	1	0	1	0	0	1	0	0	0	0	0	1	1	1	0	1	0	1	0.45	9
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	1	1	0	0	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	0.7	14
Ste.al	0	0	0	5	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0.35	3
Tha.ve	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	10	5	5	1	5	5	1	10	0	30	5	1	5	0	0	0	5	0	5	4.65	14
Emp.ni	15	5	5	0	5	5	1	10	0	10	5	10	1	1	20	20	10	0	5	0	6.4	16
Vac.vi	1	1	0	0	0	1	0	0	1	1	1	0	1	1	1	1	0	0	1	0	0.55	11
moss	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
sedge	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	0	1	5	1	1	1	16
grass	1	1	1	0	1	1	1	1	1	0	0	0	1	0	1	0	0	1	1	1	0.65	13
Lois.p	0	0	0	5	1	0	1	0	1	0	0	0	1	0	0	10	0	0	0	0	0.95	6
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	0	0	0	0	1	0.3	6
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	5	5	1	15	5	1	20	1	5	1	15	5	5	0	0	1	10	1	10	5.3	17
Arc.al	10	0	5	5	5	1	1	0	5	10	10	5	0	5	0	5	20	5	15	1	5.4	16
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0.15	3
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.1	2
Led.de	5	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1.05	17
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT119	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	10	0	10	1	1	1	5	1	0	5	0	5	5	1	1	1	1	5	1	1	2.5	17
Bry.di	0	0	0	0	0	5	15	5	20	0	0	15	15	5	1	0	5	1	25	5	5.6	12
Cet.cu	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	0	1	0.8	16
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Cet.is	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0.35	7
Cet.ni	5	1	5	1	1	5	1	1	1	5	1	0	1	1	1	0	0	5	5	5	2.25	17
Cl.mit	5	0	10	0	1	1	1	1	0	10	5	1	1	1	1	1	1	1	1	5	2.35	17
Cl.ran	1	1	5	0	1	1	0	5	1	1	1	1	1	0	1	0	1	1	1	1	1.2	16
Cl.ste	10	0	0	1	1	0	0	1	0	10	50	5	1	0	1	0	1	1	1	1	4.15	12
Cla.gr	1	1	1	1	1	1	0	0	0	1	0	1	1	0	1	0	0	1	1	1	0.65	13
Cla.am	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0.2	4
Cla.un	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.1	2
Dac.ar	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	1	1	0	1	1	1	5	0	0	1	0	1	0	0	1	1	1	1	0.8	12
Ste.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tha.ve	1	1	1	1	1	1	1	1	5	1	1	0	1	1	1	0	0	1	1	0	1	16
Sal.ar	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	10	0	0	0	0.7	5
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	5	1	0	1	10	5	0	10	0	0	0	5	5	1	5	15	5	5	1	3.7	14
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	1	65	0	0	5	5	10	0	0	15	5	0	0	1	0	0	15	10	6.85	10
Emp.ni	5	0	0	0	15	20	0	1	5	0	0	0	0	1	15	0	0	5	0	10	3.85	9
Vac.vi	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0.1	2
moss	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0.15	3
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	0	1	0	0	5	1	0	0	1	0	1	1	1	0	0	1	0	1	1	0.75	11
grass	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	1	0.4	8
Lois.p	0	0	0	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0.25	5
Sax.br	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.35	7
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	1	1	0	0	1	0	0	1	0	1	1	1	1	1	0	0	1	0	1	0.55	11
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	1	1	1	1	0	1	5	0	0	0	1	1	0	0	1	1	0	1	0.75	11
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	20	25	15	5	0	10	0	0	0	15	1	10	10	0	5	1	10	5	0	0	6.6	13
Arc.al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0.3	6
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0.1	2
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	1	1	1	1	0	0	5	0	0	5	1	1	0	1	1	0	0	0	5	1	1.2	12
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	1	0	1	0	0	0	0	1	0	0	1	0	1	1	1	1	0	1	0	1	0.5	10
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	1	1	0	0	0	1	0	0	0	1	0	1	1	1	0	0	0.35	7
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT120	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	1	10	1	0	0	0	0	0	1	1	5	0	5	0	0	0	1.2	7
Bry.di	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0.2	4
Cet.cu	0	1	1	0	0	1	0	0	0	0	1	0	0	0	1	1	0	1	1	0	0.4	8
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Cet.is	1	1	1	1	1	0	0	1	1	0	1	1	0	0	0	0	1	1	1	1	0.65	13
Cet.ni	0	0	1	1	5	5	10	0	1	0	0	0	10	5	5	0	1	5	5	1	2.75	12
Cl.mit	1	1	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1.6	20
Cl.ran	1	5	5	1	5	1	1	5	5	1	5	1	5	1	1	1	1	1	5	1	2.55	20
Cl.ste	35	35	20	10	5	1	1	10	35	35	40	15	5	0	10	0	0	1	10	5	13.65	17
Cla.gr	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	0.8	16
Cla.am	1	0	0	1	0	0	1	1	0	0	0	0	0	1	1	0	1	1	0	0	0.4	8
Cla.un	0	1	1	0	1	0	0	0	0	1	0	1	0	1	1	0	0	0	1	1	0.45	9
Dac.ar	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0.2	4
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	20	0	0	0	1	0	0	0	0	0	0	0	5	1.3	3
Pse.pu	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Sph.gl	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	1	1	0	0	0.4	8
Ste.al	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0.15	3
Tha.ve	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0.95	19
Sal.ar	0	0	0	0	0	0	0	5	0	0	0	0	0	0	1	0	0	0	0	0	0.3	2
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	15	0	0	0	0.8	2
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	1	5	10	1	10	5	1	0	0	0	20	5	10	0	1	0	0	15	0	4.2	12
Emp.ni	1	10	5	0	15	5	15	5	0	0	5	15	0	1	5	10	5	5	5	15	6.1	16
Vac.vi	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	0	0	0	1	5	0.95	15
moss	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0.2	4
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	0	1	1	1	1	1	0	0	1	5	5	1	1	1	1	0	1	1	1	1	1.2	16
grass	0	1	1	1	1	1	0	0	1	5	5	1	1	1	1	0	1	1	1	1	0.45	9
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	1	1
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	0	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	1	0.4	8
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1	2
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	5	5	10	5	0	0	0	0	0	5	10	5	1	5	5	0	0	2.8	10
Arc.al	0	0	10	1	0	0	5	1	0	0	0	0	1	0	0	0	0	10	1	0	1.45	7
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.1	2
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Led.de	0	0	0	1	1	0	0	1	0	0	0	1	0	0	1	0	1	1	0	1	0.4	8
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT121	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	5	0	0.4	4
Bry.di	1	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	5	1	1.1	6
Cet.cu	0	1	0	0	0	0	0	1	0	1	1	0	1	1	0	1	1	1	1	1	0.55	11
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Cet.is	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	1	0	0	0.75	15
Cet.ni	5	1	0	0	0	1	1	1	0	5	5	10	1	1	0	0	0	1	10	5	2.6	14
Cl.mit	1	1	1	1	1	1	1	5	0	1	1	1	1	5	1	1	1	5	1	1	1.55	19
Cl.ran	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	5	5	1	1	1	1.3	18
Cl.ste	1	5	30	25	30	25	25	10	1	1	1	5	15	20	55	40	40	5	5	5	17.2	20
Cla.gr	0	0	1	0	5	0	1	0	1	1	1	1	1	1	0	1	1	1	0	1	0.85	13
Cla.am	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1	0	0	0	0.2	4
Cla.un	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	0.75	15
Dac.ar	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Lob.li	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	0.35	7
Ste.al	1	0	0	0	0	0	0	1	1	5	1	0	0	1	1	0	0	1	0	1	0.65	9
Tha.ve	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0.95	19
Sal.ar	5	0	0	0	0	0	0	0	1	5	1	1	0	0	0	0	1	0	15	5	1.75	8
Sal.re	0	0	5	1	1	0	10	5	0	0	0	0	5	5	10	1	1	5	0	0	2.45	11
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	1	15	1.3	3
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.05	1
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.ny	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	1	5	1	0	0	0	0	0	1	10	10	15	1	0	5	1	0	0	5	0	2.75	11
Emp.ni	0	0	15	40	35	25	10	0	0	0	0	0	0	0	0	0	0	0	0	0	6.25	5
Vac.vi	0	1	1	0	1	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0.3	6
moss	0	1	5	0	1	5	0	1	1	0	0	0	1	1	5	0	1	1	0	1	1.2	12
Ped.	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0.1	2
sedge	5	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1.05	17
grass	5	5	1	1	0	1	5	5	5	5	1	1	1	5	5	5	5	5	5	5	3.55	19
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.05	1
Anem.n	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0.85	17
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	1	0	0	0	0	0	5	1	0	15	1	1	0	0	0	0	1	1	10	1.8	9
Arc.al	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Ped.la	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.1	2
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0.1	2
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	1	1	1	1	0	1	0	0	0	0	1	0	1	0	1	0	0	0	0.4	8
Poly.v	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.1	2
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.1	2
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PLT122	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0.95	19
Bry.di	5	1	5	10	1	5	5	1	1	1	0	1	1	5	10	10	1	5	5	5	3.9	19
Cet.cu	1	0	1	0	1	0	1	0	1	1	0	1	0	0	1	0	0	1	1	1	0.55	11
Cet.er	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0.15	3
Cet.is	0	1	0	0	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	1	0.7	14
Cet.ni	1	5	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1.35	19
Cl.mit	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Cl.ran	1	1	1	1	1	1	0	1	1	5	5	1	0	1	1	1	1	1	1	1	1.3	18
Cl.ste	5	5	0	1	10	1	0	1	5	10	5	0	0	0	0	0	1	1	0	1	2.3	12
Cla.gr	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1	0	1	1	0.75	15
Cla.am	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0.9	18
Cla.un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0.1	2
Sph.gl	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Ste.al	1	1	1	0	1	0	0	1	1	1	1	5	0	1	1	0	1	0	10	1	1.35	14
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Sal.ar	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0.1	2
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	15	1	30	5	5	5	1	5	1	1	10	20	20	5	1	10	1	5	5	5	7.55	20
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	20	5	1	15	5	5	5	5	10	10	15	10	15	15	15	1	15	30	20	20	11.85	20
Emp.ni	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.75	1
Vac.vi	0	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0.3	6
moss	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.25	5
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.05	1
sedge	5	5	1	1	0	1	1	5	1	1	5	1	5	1	1	1	1	1	0	1	1.9	18
grass	1	1	1	0	0	1	0	0	0	1	0	1	1	0	0	0	1	1	0	1	0.5	10
Lois.p	0	0	0	1	0	1	5	1	0	0	0	0	1	1	1	5	1	5	1	0	1.15	11
Sax.br	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.05	1
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	1	1	1	0.35	7
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	1	0	0	1	1	0	0	1	1	0	1	5	0	5	0	0	0	0.8	8
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	1	1	1	5	1	1	1	1	1	0	1	0	1	0	1	5	1	1	0	1	1.2	16
Arc.al	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0.75	1
Ped.ca	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Ped.la	0	0	0	1	0	0	1	0	0	1	0	0	1	1	0	1	1	0	1	0	0.4	8
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	1	5	0	0	5	0	0	1	0	5	1	0	0	0	0	0	0	0	0	1	0.95	7
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.05	1
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poly.v	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Tof.co	0	0	0	1	0	1	0	0	0	0	0	1	1	1	1	0	1	1	0	1	0.45	9
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT123	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Bry.di	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0.1	2
Cet.cu	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	0.85	17
Cet.er	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Cet.is	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	1	0.35	7
Cet.ni	0	0	1	0	1	1	0	1	1	0	0	1	1	1	0	1	1	1	1	1	0.65	13
Cl.mit	1	1	1	1	1	1	5	1	5	1	1	1	1	1	1	5	1	1	1	5	1.8	20
Cl.ran	5	1	5	1	1	1	1	1	5	1	1	5	1	1	1	1	1	1	5	1	2.2	20
Cl.ste	1	5	1	1	1	0	1	1	0	1	1	5	1	15	5	1	5	0	0	5	2.25	17
Cla.gr	1	1	1	0	0	0	1	1	1	1	1	1	0	1	0	1	1	1	1	1	0.75	15
Cla.am	0	1	1	1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0.8	16
Cla.un	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	1	1	0.25	5
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	5	0	1	1	0	0.5	10
Ste.al	5	1	1	0	0	1	1	1	1	1	0	0	1	0	1	5	1	1	1	1	1.15	15
Tha.ve	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1.2	20
Sal.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	45	0	15	0	0	0	0	0	0	0	0	0	10	0	0	0	0	3.5	3
Dry.oc	0	0	0	0	0	0	0	0	10	0	0	5	15	0	0	0	0	10	1	0	2.05	5
Bet.na	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.hy	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1
Vac.ca	0	0	5	0	0	0	1	15	5	0	0	5	25	5	0	0	0	15	10	25	6.5	10
Emp.ni	0	0	1	0	55	0	0	0	10	0	0	0	0	15	0	0	5	0	0	0	4.3	5
Vac.vi	1	1	1	1	0	5	0	5	1	5	5	1	0	1	1	1	5	0	0	1	1.75	15
moss	0	0	0	0	0	5	0	0	0	1	1	0	0	0	1	0	0	1	1	0	0.5	5
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	0	0	0	0	0	1	0	0	0	5	0	0	0	0	1	1	1	0	0.5	6
grass	1	1	0	0	0	0	0	1	0	0	0	5	0	0	0	0	1	1	1	0	4.5	12
Lois.p	20	10	5	0	0	10	0	1	0	5	10	0	1	0	25	0	1	1	1	0	0.5	1
Sax.br	0	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	2
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.1	2
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Oxy.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dia.la	0	0	0	0	0	0	0	0	1	0	0	1	5	0	0	0	5	1	0	0	0.65	13
Arc.al	20	5	35	0	0	0	0	5	10	25	45	0	0	0	0	0	0	0	0	0	7.25	7
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.05	1
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	1
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	1	0	1	0	1	0	1	0	1	0	1	5	0	10	0	0	15	0	0	0	1.8	9
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	1	0	0	0	0	5	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.4	4
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 1. (Big-Indian Creek Area continued)

PLT124	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	MEAN	FQ
Al.och	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0.15	3
Bry.di	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	1	0	1	0.3	6
Cet.cu	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	0	1	1	1	0	0.8	16
Cet.er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cet.is	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0.85	17
Cet.ni	1	1	1	0	0	0	0	1	1	1	1	1	1	0	1	0	1	1	1	1	0.7	14
Cl.mit	1	1	1	1	1	1	5	1	1	1	1	1	1	1	5	1	1	1	1	1	1.4	20
Cl.ran	1	1	5	5	5	1	10	5	1	1	1	5	1	1	5	1	1	1	1	1	2.65	20
Cl.ste	5	15	15	5	20	5	15	5	1	5	1	10	1	5	5	25	15	1	5	1	8	20
Cla.gr	1	1	1	1	0	5	0	1	1	1	1	0	1	1	0	1	1	1	1	0	0.95	15
Cla.am	0	0	1	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1	0.3	6
Cla.un	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0.15	3
Dac.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lob.li	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0.75	1
Umb.pr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pse.pu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sph.gl	1	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	1	0.35	7
Ste.al	1	1	1	5	0	1	1	0	0	10	5	0	5	0	1	1	1	0	0	1	1.7	13
Tha.ve	1	1	1	0	1	0	0	1	1	0	1	1	1	1	0	0	0	1	0	1	0.6	12
Sal.ar	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0.25	1
Sal.re	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal.ov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry.oc	20	1	5	0	0	0	0	0	5	15	5	1	10	0	0	0	0	5	5	5	3.85	11
Bet.na	0	0	0	0	35	25	10	0	0	0	0	0	0	1	15	15	5	0	0	0	5.3	7
Bet.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bet.ny	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vac.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emp.ni	0	25	0	20	5	5	5	1	0	0	0	0	0	25	1	10	15	0	0	0	5.6	10
Vac.vi	0	0	1	1	0	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0.3	6
moss	0	1	0	0	0	1	0	1	1	1	0	0	0	0	5	0	0	0	0	0	0.5	10
Ped.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sedge	1	1	5	1	0	10	1	1	5	1	0	5	1	10	10	15	0	1	1	0	3.45	16
grass	5	1	1	1	10	5	0	1	1	1	5	1	5	0	5	5	0	5	1	10	3.15	17
Lois.p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sax.br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sil.ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arn.fr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anem.n	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	0.5	10
Ast.um	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxy.ni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Oxy.ca	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1
Dia.la	0	1	1	0	0	0	0	15	0	1	1	1	1	0	0	0	0	5	10	0	1.8	9
Arc.al	10	0	0	0	0	0	0	0	0	0	1	25	5	5	0	0	0	0	5	15	20	4.3	8
Ped.ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped.la	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.05	1
Ped.oe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyco.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Led.de	0	5	5	0	0	1	0	0	1	1	0	5	0	0	0	0	0	0	0	0	0.9	6
Min.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gen.gl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lloy.s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pri.cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Art.ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.1	2
Poly.v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tof.co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant.mo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spir.b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp.l	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
mushrm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix 2. Recently-Introduced Caribou Population Radio-Telemetry Winter[1] Location Information[2]

I.D.	Sex	Age	Location	Date	Yr.	UTM(mE)	UTM(mN)
015	F	A	023	01/02	86	638489.55	6654501.47
			024	02/04	86	640791.72	6652273.84
			025	02/21	86	640791.72	6652273.84
			026	03/10	86	640582.80	6652467.19
			037	12/12	86	635212.07	6652367.13
			038	01/12	87	634981.42	6653163.74
			039	01/23	87	634988.84	6652962.75
			040	03/03	87	634728.53	6654563.35
			041	03/18	87	635669.66	6650874.40
			053	12/08	87	636304.70	6649891.40
			054	12/28	87	633529.52	6651601.43
			055	03/22	88	633168.72	6653198.46
101	F	A	013	12/12	86	645927.37	6679473.38
			014	01/12	87	642812.42	6677538.67
			015	01/23	87	643697.05	6678076.57
			016	03/03	87	643689.13	6678277.55
			017	03/18	87	644908.67	6675205.60
			026	12/08	87	642041.07	6671570.60
			027	12/28	87	644247.95	6671757.40
			028	01/14	88	646109.02	6675152.66
			029	03/22	88	646188.39	6675659.10
113	F	A	012	12/12	86	645927.37	6679473.38
			013	01/12	87	642812.42	6677538.67
			014	01/23	87	643697.05	6678076.57
			015	03/03	87	643689.13	6678277.55
			016	03/18	87	644908.67	6675205.60
			027	12/08	87	642041.07	6671570.60
			028	12/28	87	644247.95	6671757.40
			029	01/14	88	646109.02	6675152.66
			030	03/22	88	646188.39	6675659.10

[1] Winter time frame of 121 days (Dec.thru March); These locations are from a total locations file of 1,127 locations

[2] The following labels are defined here :
Caribou I.D. = refers to a specific caribou equipped with radio-telemetry apparatus
Sex = M(male),F(female); Age = A(adult),J(juvenile);
Date,Yr. = Date animal located;
UTM(mE) = Universal Transverse Mercator Meters East
UTM(mN) = Universal Transverse Mercator Meters North

Appendix 2. (continued)

I.D.	Sex	Age	Location	Date	Yr.	UTM(mE)	UTM(mN)
116	F	Y	014	12/12	86	645927.37	6679473.38
			015	01/12	87	642812.42	6677538.67
			016	01/23	87	643697.05	6678076.57
			017	03/03	87	643689.13	6678277.55
			018	03/18	87	644908.67	6675205.60
			028	12/08	87	642041.07	6671570.60
			029	12/28	87	644247.95	6671757.40
			030	01/14	88	646109.02	6675152.66
			031	03/22	88	646188.39	6675659.10
302	F	A	001	12/14	87	645744.75	6730927.92
304	F	A	026	01/02	86	643772.29	6676167.22
			027	01/10	86	643006.42	6672614.59
			028	02/04	86	644902.86	6672890.45
			029	02/21	86	644902.86	6672890.45
			030	03/10	86	645699.19	6675337.57
308	M	A	031	01/02	86	621241.17	6668307.51
			032	02/04	86	640791.72	6652273.84
			033	03/10	86	640582.80	6652467.19
			042	12/12	86	652736.50	6687502.63
			043	02/12	87	648281.29	6688123.75
314	M	A	019	01/02	86	643772.29	6676167.22
			020	01/10	86	643006.42	6672614.59
			021	02/04	86	644902.86	6672890.45
			022	02/21	86	644902.86	6672890.45
			023	03/10	86	645699.19	6675337.57
			035	01/23	87	643697.05	6678076.57
			036	12/28	87	644247.95	6671757.40
320	M	A	019	02/04	86	669245.40	6739274.58
			022	12/12	86	677699.41	6747640.80
			023	01/12	87	673217.65	6754670.53
			024	03/02	87	675264.44	6742082.24
338	F	A	021	01/02	86	643772.29	6676167.22
			022	01/10	86	643006.42	6672614.59
			023	02/04	86	644902.86	6672890.45
			024	02/21	86	644902.86	6672890.45
			025	03/10	86	645699.19	6675337.57
			036	12/12	86	645927.37	6679473.38
			037	01/12	87	642812.42	6677538.67
			038	01/23	87	643697.05	6678076.57
			039	03/03	87	643689.13	6678277.55
			040	03/18	87	644908.67	6675205.60
			051	12/08	87	642041.07	6671570.60
			052	12/28	87	644247.95	6671757.40

Appendix 2. (continued)

I.D.	Sex	Age	Location	Date	Yr.	UTM(mE)	UTM(mN)
338	F	A	053	01/14	88	646109.02	6675152.66
(continued)			054	03/22	88	648043.66	6674626.53
342	F	A	022	01/10	86	635505.29	6721670.19
			023	01/31	86	640063.49	6728588.18
			024	03/20	86	600543.86	6718612.33
			030	12/14	87	645744.75	6730927.92
348	F	A	024	01/02	86	643772.29	6676167.22
			025	01/10	86	643006.42	6672614.59
			026	02/04	86	644902.86	6672890.45
			027	02/21	86	644902.86	6672890.45
			028	03/10	86	645699.19	6675337.57
			041	12/12	86	645927.37	6679473.38
			042	01/12	87	642812.42	6677538.67
			043	01/23	87	643697.05	6678076.57
			044	03/18	87	644908.67	6675205.60
350	F	A	019	02/04	86	669245.40	6739274.58
			022	12/12	86	635212.07	6652367.13
			023	01/23	87	634988.84	6652962.75
			024	01/12	87	634981.42	6653163.74
			025	03/03	87	634728.53	6654563.35
			026	03/18	87	635669.66	6650874.40
			036	12/08	87	636304.70	6649891.40
			037	12/28	87	633529.52	6651601.43
			038	01/14	88	634966.60	6653565.74
			039	03/22	88	633168.72	6653198.46
352	F	A	011	12/12	86	645927.37	6679473.38
			012	01/12	87	642812.42	6677538.67
			013	01/23	87	643697.05	6678076.57
			014	03/03	87	643689.13	6678277.55
			015	03/18	87	644908.67	6675205.60
			026	12/08	87	642041.07	6671570.60
			027	12/28	87	644247.95	6671757.40
			028	01/14	88	646109.02	6675152.66
			029	03/22	88	646188.39	6675659.10
356	F	A	028	01/10	86	638797.85	6722399.59
			029	01/31	86	640063.49	6728588.18
			030	03/20	86	600543.86	6718612.33
			035	12/12	86	674592.51	6735402.98
			036	01/12	87	673217.65	6754670.53
			037	03/02	87	674059.28	6740009.27

Appendix 2. (continued)

I.D.	Sex	Age	Location	Date	Yr.	UTM(mE)	UTM(mN)
364	F	Y	023	01/02	86	643772.29	6676167.22
			024	01/10	86	643006.42	6672614.59
			025	02/04	86	644902.86	6672890.45
			026	02/21	86	644902.86	6672890.45
			027	03/10	86	645699.19	6675337.57
			040	12/12	86	645927.37	6679473.38
			041	01/12	87	642812.42	6677538.67
			042	01/23	87	643697.05	6678076.57
			043	03/18	87	644908.67	6675205.60
372	M	A	021	01/02	86	643772.29	6676167.22
			022	01/10	86	643006.42	6672614.59
			023	02/04	86	644902.86	6672890.45
			024	02/21	86	644902.86	6672890.45
			025	03/10	86	645699.19	6675337.57
			037	12/12	86	645927.37	6679473.38
			038	01/12	87	642812.42	6677538.67
			039	01/23	87	643697.05	6678076.57
			040	03/03	87	643689.13	6678277.55
			041	03/18	87	644908.67	6675205.60
			050	12/08	87	642041.07	6671570.60
			051	12/28	87	644247.95	6671757.40
			052	01/14	88	645647.03	6678958.90
			053	03/22	88	645247.95	6676628.13
378	F	A	024	01/02	86	643772.29	6676167.22
			025	01/10	86	643006.42	6672614.59
			026	02/04	86	644902.86	6672890.45
			027	02/21	86	644902.86	6672890.45
			028	03/10	86	645699.19	6675337.57
			040	03/18	87	644908.67	6675205.60
			048	12/08	87	642041.07	6671570.60
			049	12/28	87	644247.95	6671757.40
			050	01/14	88	646109.02	6675152.66
390	F	A	018	01/02	86	638489.55	6654501.47
			019	02/04	86	640791.72	6652273.84
			020	02/21	86	640791.72	6652273.84
			021	03/10	86	640582.80	6652467.19
			034	12/12	86	635212.07	6652367.13
			035	01/12	87	634981.42	6653163.74
			036	01/23	87	634988.84	6652962.75
			037	03/03	87	634728.53	6654563.35
			038	03/18	87	635669.66	6650874.40
			048	12/08	87	636304.70	6649891.40
			049	12/28	87	633529.52	6651601.43
			050	01/14	88	634966.60	6653565.74

Appendix 2. (continued)

I.D.	Sex	Age	Location	Date	Yr.	UTM(mE)	UTM(mN)
396	F	A	022	01/02	86	643772.29	6676167.22
			023	01/10	86	643006.42	6672614.59
			024	02/04	86	644902.86	6672890.45
			025	02/21	86	644902.86	6672890.45
			026	03/10	86	645699.19	6675337.57
			037	12/12	86	674592.51	6735402.98
			038	01/12	87	673217.65	6754670.53
400	F	A	025	01/02	86	643772.29	6676167.22
			026	01/10	86	643006.42	6672614.59
			027	02/04	86	644902.86	6672890.45
			028	02/21	86	644902.86	6672890.45
			029	03/10	86	645699.19	6675337.57
			043	12/12	86	645927.37	6679473.38
			044	01/12	87	642812.42	6677538.67
			045	01/23	87	643697.05	6678076.57
			046	03/03	87	643689.13	6678277.55
			047	03/18	87	644908.67	6675205.60
			056	12/28	87	644247.95	6671757.40
455	F	A	014	12/12	86	645927.37	6679473.38
			015	01/12	87	642812.42	6677538.67
			016	01/23	87	643697.05	6678076.57
			017	03/03	87	643689.13	6678277.55
			018	03/18	87	644908.67	6675205.60
			026	12/08	87	642041.07	6671570.60
			027	12/28	87	644247.95	6671757.40
			028	01/14	88	646109.02	6675152.66
			029	03/22	88	646188.39	6675659.10
505	F	A	014	12/12	86	645927.37	6679473.38
			015	01/12	87	642812.42	6677538.67
			016	01/23	87	643697.05	6678076.57
			018	03/03	87	643689.13	6678277.55
			019	03/18	87	644908.67	6675205.60
			029	12/08	87	642041.07	6671570.60
			030	12/28	87	644247.95	6671757.40
			031	01/14	88	646109.02	6675152.66
			032	03/22	88	648043.66	6674626.53
537	F	A	007	12/14	87	645744.75	6730927.92
541	F	A	010	12/12	86	347268.41	6734403.69
			011	01/12	87	342827.22	6741642.85

Appendix 2. (continued)

I.D.	Sex	Age	Location	Date	Yr.	UTM(mE)	UTM(mN)
544	F	A	011	12/12	86	645927.37	6679473.38
			012	01/12	87	642812.42	6677538.67
			013	01/23	87	643697.05	6678076.57
			014	03/03	87	643689.13	6678277.55
			015	03/18	87	644908.67	6675205.60
			026	12/08	87	642041.07	6671570.60
			027	12/28	87	644247.95	6671757.40
			028	01/14	88	646109.02	6675152.66
			029	03/22	88	646188.39	6675659.10
548	F	A	008	12/12	86	674592.51	6735402.98
			009	01/12	87	673217.65	6754670.53
			010	03/02	87	674824.64	6756763.26
552	F	A	010	12/12	86	674592.51	6735402.98
			011	01/12	87	669508.85	6742207.10
			012	03/02	87	668609.64	6744178.41
556	M	A	010	12/12	86	635212.07	6652367.13
			011	01/12	87	634981.42	6653163.74
			012	01/23	87	634988.84	6652962.75
			013	03/03	87	634728.53	6654563.35
			014	03/18	87	635669.66	6650874.40
			026	12/08	87	636304.70	6649891.40
			027	12/28	87	633529.52	6651601.43
			028	01/14	88	634966.60	6653565.74
560	F	A	008	12/12	86	635212.07	6652367.13
			009	01/12	87	634981.42	6653163.74
			010	01/23	87	634988.84	6652962.75
			011	03/03	87	634728.53	6654563.35
			012	03/18	87	635669.66	6650874.40
574	F	A	009	12/12	86	635212.07	6652367.13
			010	01/12	87	634981.42	6653163.74
			011	01/23	87	634988.84	6652962.75
			012	03/03	87	634728.53	6654563.35
			013	03/18	87	635669.66	6650874.40
			025	12/28	87	633529.52	6651601.43
			026	01/14	88	634966.60	6653565.74
			027	03/22	88	633168.72	6653198.46
576	F	A	007	12/12	86	635212.07	6652367.13
			008	01/12	87	634981.42	6653163.74
			009	01/23	87	634988.84	6652962.75
			010	03/03	87	634728.53	6654563.35
			011	03/18	87	635669.66	6650874.40
			022	12/08	87	636304.70	6649891.40
			023	12/28	87	633529.52	6651601.43
			024	01/14	88	634966.60	6653565.74
			025	03/22	88	633168.72	6653198.46

Appendix 3. Caribou Visual Location Information for the Big-Indian Creek Longer-Established Herd

I.D.	UTM(mE)	UTM(mN)	YrMoDy	Number of Caribou
01	670.882	6728.579	710318	75
02	667.959	6748.728	720119	120
03	670.674	6728.382	720211	105
04	670.444	6728.838	730203	97
05	673.149	6740.274	740310	235
06	675.532	6755.291	750317	4
07	674.527	6755.404	750317	100
08	671.737	6754.569	750317	7
09	668.701	6747.964	750317	25
10	669.364	6739.293	760104	75
11	676.577	6745.376	760109	4
12	677.287	6752.889	760202	106
13	678.132	6750.882	760210	114
14	676.706	6751.790	760217	108
15	668.526	6748.340	760217	42
16	668.314	6743.949	760225	21
17	667.616	6743.388	760225	21
18	666.413	6743.835	760225	17
19	674.862	6751.919	760225	168
20	678.599	6749.382	760225	24
21	676.566	6756.538	770308	9
22	671.457	6754.147	770308	31
23	674.066	6752.198	770308	70
24	676.799	6752.780	770308	19
25	677.182	6749.543	770308	4
26	666.552	6729.058	770308	15
27	674.739	6759.363	770322	3
28	673.776	6754.920	770322	31
29	671.095	6753.728	770322	50
30	669.178	6738.816	770322	3
31	667.495	6743.781	780124	175
32	667.865	6729.190	780328	4
33	669.447	6728.734	780328	14
34	677.505	6746.725	810325	1
35	673.118	6748.967	810325	113
36	667.925	6743.744	810325	1
37	666.329	6744.030	810325	13
38	673.446	6741.101	890117	70
39	673.184	6742.783	890117	230
40	672.835	6754.297	890212	200
41	674.121	6742.395	890212	16
42	673.701	6740.515	890212	20
43	676.314	6740.920	890429	11
44	676.866	6737.607	890429	10

Appendix 4. Herbivory Sign Information

A) Skilak-Tustumena Recently-Introduced Caribou Population Winter-Use Area

Plot	#Pellets(species[1])	#Piles	#Craters[2]	Other Sign[3]
PLT001	1(M)			1 vole hole
PLT002	1(M);1(X)			1 marmot rw
PLT003	1(X)			1 marmot rw & 1 vole hole
PLT004				
PLT005	6(S)			1 sheep bed
PLT006	1(S)			vole holes
PLT007	5(X)			6 sheep present
PLT008				
PLT009	4(X)	2(X)		2 quadrats graz.
PLT010	23(X)	6(X)		1 vole scat; 5 vh
PLT011	2(X)	5(X)		1 vole hole
PLT012	5(X)	2(X)		
PLT013	14(X)	1(X)		
PLT014	30(X)	3(X)		3 quadrats graz.
PLT015	5(X)	2(X)		1 marmot burrow
PLT016	12(X)	4(X)		1 marmot scat
PLT017	26(X)	4(X)		
PLT018	5(X)	2(X)		
PLT019	4(X)			
PLT020	10(X)			
PLT021	6(X)	3(X)		
PLT022				
PLT023	8(X)	2(X)		
PLT024	3(X)	1(X)		
PLT025	8(X)	3(X)		
PLT026	26(X)	1(X)		1 vole scat
PLT027	31(X)	4(X)		
PLT028	18(X)	7(X)		1 ptarmigan scat
PLT029	6(X)	4(X)		
PLT030	13(X)	3(X)		
PLT031	5(X)	5(X)		1 ptarmigan scat
PLT032	8(X)			
PLT033	4(X)	2(X)		
PLT034	22(X)	3(X)		1 grazing sign

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[1] Species Symbols: C = barren-ground Caribou S = Dall Sheep
X = either Caribou, Sheep, or both

[2] Craters in plot, in parenthesis for outside perimeter plot and within 30m (meters)

[3] Sign abbreviations : vasc.=vascular plant;graz.=grazing
rw = raceway; vh = vole holes

Appendix 4. (Skilak-Tustumena Area continued)

Plot	#Pellets	#Piles	#Craters	Other Sign
PLT035		4(X)		
PLT036	23(X)	4(X)		1 ptarm.scat;2 graz.
PLT037	2(X)	1(X)		5 stems browsed
PLT038		2(X)		
PLT039				
PLT040				
PLT041				several (X) present

B) Truuli Creek Recently-Introduced Caribou Population Winter-Use Area

Plot	#Pellets	#Piles	#Craters	Other Sign
PLT042		7(X)		1 lichen graz.
PLT043	10(X)	22(X)		2 vasc.graz.
PLT044	1(X)			1 quadrat graz.
PLT045	10(X)	2(X)		1 vasc.graz.
PLT046	1(X)	4(X)		1 marmot scat
PLT047	2(X)	6(X)		1 caribou track
PLT048				scat in area
PLT049	33(X)	6(X)		
PLT050	4(X)	15(X)		caribou in area
PLT051	10(X)	26(X)		15 caribou in area
PLT052	1(X)	3(X)		
PLT053	5(X)	22(X)		1 quadrat graz.
PLT054		13(X)		
PLT055		5(X)		
PLT056	2(X)	10(X)		caribou nearby
PLT057	1(X)	32(X)		sheep in distance
PLT058	6(X)	9(X)		
PLT059	15(X)	4(X)		
PLT060	4(X)	7(X)		
PLT061		4(X)		1 vasc.graz.

C) Big-Indian Creek Longer-Established Caribou Population Winter-Use Area

Plot	#Pellets	#Piles	#Craters	Other Sign
PLT104	17(C)	3(C)		
PLT105		13(C)	8	
PLT106	1(C)	3(C)	16	1 lichen graz.
PLT107	11(C)	2(C)	26	3 vasc.grazed
PLT108	12(C)	7(C)	22	2 " "
PLT109	21(C)	12(C)	29	1 " "
PLT110	16(C)	9(C)	24(15)	5 " "

Appendix 4. (Big-Indian Creek Area continued)

PLT111	25(C)	10(C)	30(15)	10	"	"
PLT112	20(C)	11(C)	4(40)	6	"	"
PLT113			34(37)	10	"	"
PLT114	5(C)	1(C)	26(55)	2	"	"
PLT115	10(C)	3(C)	(2)	3	"	"
PLT116	20(C)	19(C)	17(46)	5	"	"
PLT117		7(C)	12(25)	1	"	"
PLT118	10(C)	5(C)	7(40)			
PLT119			7(24)	2	"	"
PLT120	5(C)	9(C)	8(42)			
PLT121	15(C)	19(C)	31(67)			
PLT122	12(C)	17(C)	3(56)			
PLT123	1(C)	6(C)	24(70)			
PLT124	10(C)	8(C)	18(35)			

D) Mystery Hills Non-Caribou Potential Winter-Use Area

Plot	#Pellets	#Piles	#Craters	Other Sign
PLT062				
PLT063				
PLT064				
PLT079				
PLT080				
PLT081				
PLT102				
PLT103				
PLT138				
PLT139				
PLT140				
PLT141				1 ptarmigan scat
PLT142				

E) Russian Mountain Potential Caribou Winter-Use Area

Plot	#Pellets	#Piles	#Craters	Other Sign
PLT065				1 ptarmigan scat
PLT066				
PLT067				
PLT068				
PLT069				3 ptarmigan scat
PLT070				
PLT071				
PLT072				
PLT073				
PLT074				1 ptarmigan scat

Appendix 4. (Russian Mountains Area continued)

Plot	#Pellets	#Piles	#Craters	Other Sign
PLT075				
PLT076				1 ptarmigan scat
PLT077				
PLT078				

F) Twin Lakes Potential Caribou Winter-Use Area

Plot	#Pellets	#Piles	#Craters	Other Sign
PLT082		1(S)		
PLT083		5(S);5(X)		2 ptarmigan scat
PLT084		1(S)		1 " "
PLT085		1(S)		
PLT086		2(S)		
PLT087		1(S)		
PLT088				
PLT089	10(S);8(X)			
PLT090		3(X);1(S)		11 vasc. graz.
PLT091				
PLT092				
PLT093				
PLT094		1(S)		1 ptarmigan scat
PLT095	1(S)	2(S)		2 ptarmigan scat
PLT096	5(S)			
PLT097		2(S)		
PLT098				
PLT099		1(S)		
PLT100				1 fresh bear scat
PLT101				1 marmot scat

G) Cottonwood Creek Potential Caribou Winter-Use Area

Plot	#Pellets	#Piles	#Craters	Other Sign
PLT125	10(S)	10(S)		
PLT126		1(S)		1 ptarmigan scat
PLT127		3(S)		
PLT128	8(S)			1 ptarmigan scat
PLT129	6(S)	2(S)		
PLT130	2(S)	3(S)		
PLT131	20(S)			
PLT132	3(S)	2(S)		
PLT133	21(S)	1(S)		1 vasc.graz.
PLT134	9(S)	1(S)		2 " "
PLT135	1(S)			2 " "
PLT136				2 " "
PLT137				

Appendix 5. Environmental Matrix Information for all Macroplots[6]

Plot	RockC	SoilC	DVG.C	Slope	Aspect	Elev.(m)	Herbv.C	Area
PLT001	0.00	1.75	0.00	20	45	1036	0	1
PLT002	0.25	0.65	15.00	15	120	1067	1	1
PLT003	42.25	1.00	10.40	0	112	1067	1	1
PLT004	3.50	4.25	5.90	0	110	1097	0	1
PLT005	12.50	3.15	0.90	0	500	1113	1	1
PLT006	24.00	7.25	0.6	0	500	1113	1	1
PLT007	25.75	0.50	1.4	25	170	1219	1	1
PLT008	47.00	3.50	2.30	25	170	1219	0	1
PLT009	32.50	7.50	3.30	25	175	1219	1	1
PLT010	10.80	4.95	0.15	25	129	1097	1	1
PLT011	33.80	3.10	4.50	25	107	1097	1	1
PLT012	42.05	2.00	9.25	25	104	1097	1	1
PLT013	34.75	1.25	6.40	25	40	1097	1	1
PLT014	56.75	7.00	3.80	25	110	1219	1	1
PLT015	59.00	7.75	1.85	30	117	1219	1	1
PLT016	57.25	1.75	3.20	30	110	1219	1	1
PLT017	24.75	1.30	2.30	25	60	1219	1	1
PLT018	85.00	0.00	3.05	5	270	1341	1	1
PLT019	74.25	0.00	5.55	0	500	1341	1	1
PLT020	69.00	0.00	1.00	0	500	1128	1	1
PLT021	58.00	0.00	1.00	5	12	1128	1	1
PLT022	33.55	5.55	0.95	25	198	1128	0	1
PLT023	25.55	4.75	1.40	20	182	1128	1	1
PLT024	25.00	10.50	4.65	10	340	1006	1	1
PLT025	47.50	0.00	2.95	15	140	1006	1	1
PLT026	11.05	3.00	0.55	35	168	1006	1	1
PLT027	22.80	0.30	3.90	5	180	1006	1	1
PLT028	2.05	3.75	1.35	0	500	1006	1	1
PLT029	7.05	3.50	4.70	0	500	1006	1	1
PLT030	43.25	0.50	3.10	5	180	1036	1	1
PLT031	27.05	0.80	0.50	15	70	1036	1	1
PLT032	22.85	0.25	11.35	15	60	1036	1	1
PLT033	27.25	0.90	6.65	15	55	1036	1	1
PLT034	10.85	0.80	0.95	5	180	823	1	1

[6] ROCKC = Mean Rock Cover Value Per Plot
SOILQ = Mean Soil Cover Values Per Plot
DVG.C = Mean Dead Vegetation Cover Value Per Plot
SLOPE = Terrain Slope Estimate in Degrees
ASPECT = Terrain Aspect Estimate in Compass Headings
ELEV.(m) = Terrain Elevation Estimate in Meters
HERBV.C = Categorical Herbivory Index Estimate
AREA = Sampling Area Delineation :
1 - Skilak-Tustumena Benchlands - 41 PLOTS (# 01 - 41)
2 - Truuli Creek - 20 PLOTS (# 42 - 61)
3 - Mystery Hills - 13 PLOTS (# 62-64,79-81,102-103,138-142)
4 - Russian Mountains - 14 PLOTS (# 65 - 78)
5 - Twin Lakes - 20 PLOTS (# 82 - 101)
6 - Cottonwood Creek - 13 PLOTS (# 125 - 137)
7 - Big Indian Creek - 21 PLOTS (# 104 - 124)

Appendix 5. (Continued)

Plot	RockC	SoilC	DVG.C	Slope	Aspect	Elev.(m)	Herbv.C	Area
PLT035	17.50	0.25	5.05	0	500	823	1	1
PLT036	9.60	0.75	7.10	15	290	1036	1	1
PLT037	12.35	1.30	5.70	20	284	1036	1	1
PLT038	0.00	0.75	0.00	0	500	762	1	1
PLT039	10.05	1.00	0.60	0	500	762	0	1
PLT040	5.55	4.00	5.25	5	208	975	0	1
PLT041	60.50	1.50	7.70	5	200	975	0	1
PLT042	1.60	0.30	1.65	5	95	1128	1	2
PLT043	0.55	0.45	2.15	5	90	1128	2	2
PLT044	6.65	0.60	2.35	5	64	1128	1	2
PLT045	43.75	0.00	4.45	5	135	1097	1	2
PLT046	34.55	1.00	4.65	5	100	1097	1	2
PLT047	30.80	2.95	6.65	5	90	1097	1	2
PLT048	19.50	2.35	1.60	0	500	1097	0	2
PLT049	15.90	1.45	5.25	5	180	1158	1	2
PLT050	14.50	0.90	7.25	5	90	1158	2	2
PLT051	0.00	0.35	0.32	5	90	1097	3	2
PLT052	15.65	0.60	16.95	5	10	1036	1	2
PLT053	27.30	1.90	8.75	5	290	1128	2	2
PLT054	22.30	3.55	15.00	5	270	1128	2	2
PLT055	36.05	0.35	17.75	5	0	1219	1	2
PLT056	45.25	1.30	27.75	5	45	1219	1	2
PLT057	4.55	4.05	5.75	5	180	1219	3	2
PLT058	26.10	1.10	10.00	5	180	1250	1	2
PLT059	30.10	4.20	7.00	5	90	1067	1	2
PLT060	2.80	0.80	2.80	5	180	1067	1	2
PLT061	23.80	0.50	4.40	5	180	1067	1	2
PLT062	10.00	0.90	1.15	5	110	838	0	3
PLT063	8.85	0.95	0.80	5	90	838	0	3
PLT064	18.50	1.25	3.35	5	160	838	0	3
PLT065	24.55	4.15	1.55	5	152	1128	0	4
PLT066	27.90	6.40	10.80	5	154	1097	0	4
PLT067	19.30	3.90	2.75	30	190	914	0	4
PLT068	6.80	10.75	11.75	25	200	914	0	4
PLT069	0.80	5.60	9.05	5	200	945	0	4
PLT070	5.05	4.05	13.25	10	126	1006	0	4
PLT071	11.70	7.85	14.25	15	156	1006	0	4
PLT072	8.65	5.90	26.50	5	120	975	0	4
PLT073	0.85	0.50	3.50	10	182	975	0	4
PLT074	1.55	1.50	6.75	10	180	975	0	4
PLT075	0.45	2.30	18.75	5	140	945	0	4
PLT076	8.60	4.15	13.75	25	170	1128	0	4
PLT077	9.60	3.60	14.75	10	182	1158	0	4
PLT078	6.60	3.55	11.75	5	175	1128	0	4
PLT079	8.30	2.55	2.40	30	220	853	0	3
PLT080	13.00	0.05	5.90	10	100	823	0	3
PLT081	2.95	0.30	5.15	15	90	808	0	3
PLT082	30.75	0.75	5.00	25	132	1219	1	5
PLT083	9.60	2.25	8.50	20	120	1219	1	5
PLT084	15.15	0.80	6.60	35	140	1219	1	5
PLT085	9.10	0.35	7.50	25	140	1143	1	5
PLT086	18.05	0.80	6.15	5	124	1128	1	5
PLT087	6.65	2.50	6.60	10	124	1128	1	5
PLT088	2.35	0.25	4.35	10	124	1128	0	5

Appendix 5. (continued)

Plot	RockC	SoilC	DVG.C	Slope	Aspect	Elev.(m)	Herbv.C	Area
PLT089	21.05	1.75	8.55	10	148	945	1	5
PLT090	5.55	4.40	5.85	5	166	945	1	5
PLT091	24.15	4.05	6.05	20	94	914	0	5
PLT092	3.55	5.05	6.25	5	120	914	0	5
PLT093	8.00	2.55	5.25	10	102	945	0	5
PLT094	9.05	1.30	3.10	25	124	1067	1	5
PLT095	9.80	2.50	8.55	20	104	1067	1	5
PLT096	10.85	2.50	7.25	20	132	1128	1	5
PLT097	1.40	0.75	5.25	5	130	1189	1	5
PLT098	5.00	1.65	6.60	15	124	1067	0	5
PLT099	9.10	2.50	7.90	25	227	914	1	5
PLT100	4.85	1.35	13.30	15	210	884	0	5
PLT101	9.65	1.20	8.25	15	204	884	0	5
PLT102	14.70	1.05	3.40	15	121	975	0	3
PLT103	16.80	0.10	6.35	25	118	975	0	3
PLT104	7.30	7.25	8.10	30	90	914	1	7
PLT105	4.90	6.45	3.80	30	116	914	3	7
PLT106	30.30	9.20	4.85	30	112	945	3	7
PLT107	15.05	11.15	9.10	15	110	945	5	7
PLT108	12.05	6.35	8.25	10	108	945	5	7
PLT109	15.15	6.65	8.10	25	106	945	6	7
PLT110	1.70	6.40	6.05	5	240	1006	6	7
PLT111	36.50	7.05	11.90	0	500	1036	7	7
PLT112	10.50	14.00	13.80	5	160	914	4	7
PLT113	10.15	10.25	14.25	10	200	914	7	7
PLT114	3.30	13.60	6.75	20	140	823	7	7
PLT115	8.55	4.80	7.60	30	0	853	4	7
PLT116	10.70	6.95	18.25	0	500	762	7	7
PLT117	13.80	3.70	14.05	10	30	792	4	7
PLT118	3.20	6.25	8.90	35	50	945	4	7
PLT119	20.40	6.60	8.85	35	33	914	2	7
PLT120	14.55	1.75	5.60	40	58	1036	4	7
PLT121	0.50	4.50	8.90	5	218	945	9	7
PLT122	21.15	4.85	12.05	25	104	975	5	7
PLT123	20.00	6.15	10.40	35	120	1006	7	7
PLT124	11.30	6.25	12.80	35	120	1006	5	7
PLT125	26.30	2.30	6.50	10	120	1219	1	6
PLT126	3.20	0.05	14.75	5	160	1158	1	6
PLT127	21.30	1.40	17.00	15	144	1128	1	6
PLT128	17.90	1.40	15.15	15	146	1097	1	6
PLT129	50.55	0.55	11.80	10	156	1158	1	6
PLT130	2.05	0.05	3.95	5	156	1128	1	6
PLT131	9.10	1.30	9.10	20	162	1067	1	6
PLT132	0.80	0.30	7.95	20	160	1128	1	6
PLT133	9.35	0.55	9.10	20	168	1067	1	6
PLT134	10.75	0.85	7.00	20	160	1036	1	6
PLT135	7.70	1.50	12.35	25	122	792	1	6
PLT136	5.30	0.40	5.95	20	123	823	0	6
PLT137	6.80	1.35	7.15	15	102	823	0	6
PLT138	15.15	0.30	5.35	25	124	945	0	3
PLT139	21.10	1.40	4.65	25	116	945	0	3
PLT140	7.50	1.05	2.95	25	218	945	0	3
PLT141	4.75	0.10	3.05	20	212	945	0	3
PLT142	0.85	0.90	2.65	20	10	914	0	3

Appendix 6. Field Data Sheet Representatives per Season

A) 1988 Field Season

Front side -

Date: Photo roll: frame:

PLOT
slope =
aspect =
elev. =

Scat information(species & quad.):

topo characteristics :
(i.e.,triangulations,
paces from other plots)

Lichens --
[height(cm) & quadrat]:(a) (b) (e) (f) (p) (s) (t)
harvested quadrat :

	Al.och	Bry.di	Cet.cuc	Cet.isl	Cet.niv	Cla.ran	Cla.ste	Cla.uni	Cla.gra	Dac.arc	Lob.lin	Pse.pub	Sph.glo	Ste.alp	Tha.ver
Q[1]															
a															
b															
c															
d															
e															
f															
g															
h															
i															
j															
k															
l															
m															
n															
o															
p															
q															
r															
s															
t															

[1] Q=0.25m² quadrat; Species : Cla .gra.= Cladonia gracilis
Al.och = Alectoria ochroleuca Cla.uni.= Cladonia unicialis
Bry.di = Bryocaulon divergens Dac.arc.= Dactylina arctica
Cet.cuc = Cetraria cucullata Lob.lin.= Lobaria linita
Cet.isl.= Cetraria islandica Pse.pub.= Pseudephebe pubescens
Cet.niv.= Cetraria nivalis Sph.glo.= Sphaerophorus globosus
Cla.ran.= Cladina rangiferina Ste.alp.= Stereocaulon alpinum
Cla.ste.= Cladina stellaris Tha.ver.= Thamnolina vermicularis

Appendix 6. (continued)

A) 1988 Field Season

Back Side -

Vascular Plants[7] --
[height(cm) species & quadrat]: grazing evidence:

$0.25m^2$ quad.-->A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
SPECIES																			
Sal.ar																			
Sal.re																			
Dry.oc																			
Bet.hy																			
Bet.na																			
Vac.ca																			
Emp.ni																			
Vac.vi																			
moss																			
Ped.																			
sedge																			
grass																			
Lois.p																			
Sax.br																			
Sil.ac																			
Arn.fr																			
Anem.n																			
Ast.um																			
Oxy.ni																			
Oxy.ca																			
Dia.la																			
Arc.al																			
Ped.ca																			
Ped.la																			
Lyco.																			
Led.de																			
Min.ar																			
Gen.gl																			
mushrm																			
ROCK																			
SOIL																			
DEAD VG																			

[7] The species are listed in Appendix 7

Appendix 6. (continued)

B) 1989 Field Season

Front Side --

Date: Photo roll: frame:

PLOT
slope =
aspect =
elev. =

Scat information(species & quad.):

topo characteristics :
(i.e.,triangulations,
paces from other plots)

Lichens --
[height(cm) & quadrat]:(a) (b) (e) (f) (p) (s) (t)
harvested quadrat :

$0.25m^2$ quad.-->A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
SPECIES																			
Al.och																			
Bry.di																			
Cet.cu																			
Cet.er																			
Cet.is																			
Cet.ni																			
Cl.mit																			
Cl.ran																			
Cl.ste																			
Cla.gr																			
Cla.am																			
Cla.un																			
Dac.ar																			
Lob.li																			
Umb.pr																			
Pse.pu																			
Sph.gl																			
Ste.al																			
Tha.ve																			

Species :

Al.och=Alectoria ochroleuca
Bry.di=Bryocaulon divergens
Cet.cu=Cetraria cucullata
Cet.er=Cetraria ericetorum
Cet.is=Cetraria islandica
Cet.ni=Cetraria nivalis
Cl.mit=Cladina mitis
Cl.ran=Cladina rangiferina
Cl.ste=Cladina stellaris
Cla.gr=Cladonia gracilis
Cla.am=Cladonia amaurocraea
Cla.un=Cladonia unicialis
Dac.ar=Dactylina arctica
Lob.li=Lobaria linita
Umb.pr=Umbilicaria proboscidea
Pse.pu=Pseudephebe pubescens
Sph.gl=Sphaerophorus globosus
Ste.al=Stereocaulon alpinum
Tha.ve=Thamnolina vermicularis

Appendix 6. (continued)
B) 1989 Field Season Back Side-
Vascular Plants[8] --
[height(cm) species & quadrat]: grazing evidence:

$0.25m^2$ quad.-->SPECIES	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Sal.ar																				
Sal.re																				
Sal.ov																				
Dry.oc																				
Bet.na																				
Bet.gl																				
Bet.hy																				
Vac.ca																				
Emp.ni																				
Vac.vi																				
moss																				
Ped.																				
sedge																				
grass																				
Lois.p																				
Sax.br																				
Sil.ac																				
Arn.fr																				
Anem.n																				
Ast.um																				
Oxy.ni																				
Oxy.ca																				
Dia.la																				
Arc.al																				
Ped.ca																				
Ped.la																				
Ped.oe																				
Lyco.																				
Led.de																				
Min.ar																				
Gen.gl																				
Geum r																				
Lloy.s																				
Pri.cu																				
Art.ca																				
Poly.v																				
Tof.co																				
Ant.mo																				
Spir.b																				
Camp.l																				
mushrm																				
ROCK																				
SOIL																				
DEAD V																				

[8] Species: The Species are listed in Appendix 7

Appendix 7. Species Composition for the Kenai Peninsula Caribou Winter Range Analysis

A) 1988 Field Season

Lichens

1 Al.och [Alectoria ochroleuca (Hoffm.) Massal.]
2 Bry.di [Bryocaulon divergens (Ach.) Karnef.]
3 Cet.cu [Cetraria cucullata (Bellardi) Ach.]
4 Cet.gp [Cetraria islandica (L.) Ach or ericetorum Opiz group]
5 Cet.ni [Cetraria nivalis (L.) Ach]
6 Cl.gp. [Cladina rangiferina (L.)Nyl. or mitis (Sandst.) group]
7 Cl.ste [Cladina stellaris (Opiz) Brodo]
8 Cla.gr [Cladina gracilis (L.) Willd.]
9 Cla.gp [Cladonia uncialis (L.) Weber or amaurocraea Florke Schraer) group]
10 Dac.ar [Dacylina arctica (Richardson) Nyl.]
11 Lob.gp [Lobaria linita (Ach.) Rabenh. or Umbilicaria proboscidea (L.) Schrader]
12 Pse.pu [Pseudephebe pubescens (L.) M.Choisy]
13 Sph.gl [Sphaerophorus globosus (Huds.) Vain.]
14 Ste.al [Stereocaulon alpinum Laurer]
15 Tha.ve [Thamnolina vermicularis (Swartz) or subliformis Asah.group]

Vascular Plants

16 Sal.ar [Salix arctica Pall.]
17 Sal.re [Salix reticulata L.]
18 Dry.oc [Dryas octopetala L.]
19 Bet.hy [Betula nana L. X glandulosa Michx. hybrid)
20 Bet.na [Betula nana L.]
21 Vac.ca [Vaccinium caespitosum Michx.]
22 Emp.ni [Empetrum nigrum L.]
23 Vac.vi [Vaccinium vitis-idaea L.)
24 Ped. [Pedicularis spp.]
25 sedge [Cyperaceae spp.]
26 grass [Gramineae spp.]
27 Lois.p [Loiseleuria procumbens (L.) Desvd.]
28 Sax.br [Saxifraga bronchialis L.]
29 Sil.ac [Silene acaulis L.]
30 Arn.fr [Arnica frigidia L.]
31 Anem.n [Anemone narcissiflora L.]
32 Ast.um [Astragalus umbellatus Bunge]
33 Oxy.ni [Oxytropis nigrescens (Pall.) Fisch.]
34 Oxy.ca [Oxytropis campestris (L.) DC]
35 Dia.la [Diapensia lapponica L.]
36 Arc.al [Arctostaphylos alpina (L.) Spreng.]
37 Ped.ca [Pedicularis capitata Adams]
38 Ped.la [Pedicularis lanata L.]
39 Lyco. [Lycopodium spp.]
40 Led.de [Ledum decumbens L.]
41 Min.ar [Minuartia arctica (Stev.)Aschers.& Graebn.]
42 Gen.gl [Gentiana glauca Pall.]

Bryophytes : 43 moss [Bryophyta spp.]; Fungi : 44 mushrm (mushroom).

Appendix 7. (continued)

B) 1989 Field Season

Lichens

1	Al.och	[Alectoria ochroleuca (Hoffm.) Massal.]
2	Bry.di	[Bryocaulon divergens (Ach.) Karnef.]
10	Cla.gr	[Cladonia gracilis (L.) Willd.]
11	Cla.am	[Cladonia amaurocraea Florke Schraer)]
12	Cla.un	[Cladonia uncialis (L.) Weber]
13	Dac.ar	[Dacylina arctica (Richardson) Nyl.]
14	Lob.li	[Lobaria linita (Ach.) Rabenh.]
15	Umb.pr	[Umbilicaria proboscidea (L.) Schrader]
16	Pse.pu	[Pseudephebe pubescens (L.) M.Choisy]
17	Sph.gl	[Sphaerophorus globosus (Huds.) Vain.]
18	Ste.al	[Stereocaulon alpinum Laurer]
19	Tha.ve	[Thamnolina vermicularis (Swartz) or subliformis Asah.group]

Vascular Plants

20	Sal.ar	[Salix arctica Pall.]
21	Sal.re	[Salix reticulata L.]
22	Sal.ov	[Salix ovalifolia Tautv.]
23	Dry.oc	[Dryas octopetala L.]
24	Bet.na	[Betula nana L.]
25	Bet.gl	[Betula glandulosa Michx. hybrid]
26	Bet.hy	[Betula nana L. X glandulosa Michx. hybrid]
27	Vac.ca	[Vaccinium caespitosum Michx.]
28	Emp.ni.	[Empetrum nigrum L.]
29	Vac.vi	[Vaccinium vitis-idaea L.]
30	Ped.	[Pedicularis spp.]
31	sedge	[Cyperaceae spp.]
32	grass	[Gramineae spp.]
33	Lois.p	[Loiseleuria procumbens (L.)Desvd.]
34	Sax.br	[Saxifraga bronchialis L.]
35	Sil.ac	[Silene acaulis L.]
36	Arn.fr	[Arnica frigidia L.]
37	Anem.n	[Anemone narcissiflora L.]
38	Ast.um	[Astragalus umbellatus Bunge]
39	Oxy.ni	[Oxytropis nigrescens (Pall.) Fisch.

Appendix 7. (continued)

B) 1989 Field Season (Vascular Plants continued)

40	Oxy.ca	[Oxytropis campestris (L.) DC]
41	Dia.la	[Diapensia lapponica L.]
42	Arc.al	[Arctostaphylos alpina (L.) Spreng.]
43	Ped.ca	[Pedicularis capitata Adams]
44	Ped.la	[Pedicularis lanata L.]
45	Ped.oe	[Pedicularis Oederi M.Vahl]
46	Lyco.	[Lycopodium spp.]
47	Led.de	[Ledum decumbens L.]
48	Min.ar	[Minuartia arctica (Stev.)Aschers.& Graebn.]
49	Gen.gl	[Gentiana glauca Pall.]
50	Geum r	[Geum Rossi (R.Br.) Ser.]
51	Lloy.s	[Lloydia serotina (L.) Rchb.]
52	Pri.cu	[Primula cuneifolia Ledeb.]
53	Art.ca	[Artemisia campestris L.]
54	Poly.v	[Polygonum viviparum L.]
55	Tof.co	[Tofieldia coccinea Richards.]
56	Ant.mo	[Antennaria monocephala DC]
57	Spir.b	[Spirea Beauvardiana Schneid.]
58	Camp.l	[Campanula lasiocarpa Cham.]

Bryophytes

59	moss	[Bryophyta spp.]

Fungi

60	mushrm	(mushroom)

Appendix 8. Universal Transverse Mercator (UTM) Coordinates of the Vegetation Sampling Plots per Area.

1) Skilak-Tustumena Recently-Introduced Caribou Population Winter-Use Area

Plot	Area	UTM(mE)	UTM(mN)
001	1	642.637	6672.208
002	1	642.630	6672.393
003	1	642.610	6672.545
004	1	642.437	6672.167
005	1	642.428	6672.341
006	1	642.440	6672.492
007	1	644.914	6672.957
008	1	645.017	6672.955
009	1	645.135	6672.974
010	1	646.110	6675.530
011	1	646.166	6675.626
012	1	646.213	6675.736
013	1	646.219	6675.861
014	1	645.932	6675.452
015	1	645.992	6675.562
016	1	646.047	6675.662
017	1	646.032	6675.781
018	1	645.083	6675.131
019	1	644.963	6675.136
020	1	643.958	6671.794
021	1	644.119	6671.778
022	1	644.119	6671.581
023	1	643.969	6671.614
024	1	642.800	6677.518
025	1	642.745	6677.631
026	1	643.501	6677.994
027	1	643.504	6678.095
028	1	643.522	6678.184
029	1	643.520	6678.289
030	1	643.412	6678.080
031	1	643.413	6678.176
032	1	643.420	6678.263
033	1	643.428	6678.362
034	1	645.953	6679.960
035	1	645.937	6680.079
036	1	643.311	6679.442
037	1	643.290	6679.537
038	1	641.945	6679.482
039	1	641.928	6679.600
040	1	643.735	6676.232
041	1	643.730	6676.350

Appendix 8. (continued)

2) Truuli Creek Recently-Introduced Caribou Population Winter Use Area

Plot	Area	UTM(mE)	UTM(mN)
042	2	635.100	6653.516
043	2	635.094	6653.654
044	2	635.113	6653.785
045	2	635.767	6652.741
046	2	635.798	6652.912
047	2	635.770	6653.096
048	2	635.194	6652.738
049	2	635.319	6653.009
050	2	634.953	6653.648
051	2	635.250	6653.653
052	2	634.744	6654.720
053	2	635.457	6650.814
054	2	635.572	6650.908
055	2	636.171	6650.792
056	2	636.306	6650.663
057	2	636.350	6649.924
058	2	636.332	6650.094
059	2	635.917	6652.588
060	2	633.527	6651.702
061	2	633.312	6651.673

3) Mystery Hills Potential Caribou Winter-Use Area

Plot	Area	UTM(mE)	UTM(mN)
062	3	655.073	6713.896
063	3	655.073	6714.016
064	3	655.039	6713.748
079	3	654.989	6713.820
080	3	655.089	6713.779
081	3	655.003	6714.155
102	3	656.300	6713.517
103	3	656.290	6713.599
138	3	656.294	6713.683
139	3	656.303	6713.772
140	3	656.033	6713.516
141	3	656.108	6713.513
142	3	655.901	6713.514

Appendix 8. (continued)

4) Russian Mountains Potential Caribou Winter-Use Area

Plot	Area	UTM(mE)	UTM(mN)
065	4	663.397	6704.176
066	4	663.484	6704.288
067	4	663.041	6703.107
068	4	663.158	6703.209
069	4	663.350	6703.221
070	4	663.757	6703.518
071	4	663.688	6703.439
072	4	663.870	6703.529
073	4	663.791	6703.369
074	4	663.679	6703.221
075	4	663.978	6703.469
076	4	663.322	6704.088
077	4	663.213	6704.159
078	4	662.922	6704.113

5) Twin Lakes Potential Caribou Winter-Use Area

Plot	Area	UTM(mE)	UTM(mN)
082	5	656.780	6687.201
083	5	656.869	6687.308
084	5	656.946	6687.407
085	5	656.933	6687.068
086	5	657.000	6687.152
087	5	657.079	6687.280
088	5	657.154	6687.361
089	5	654.836	6686.002
090	5	654.818	6686.153
091	5	654.807	6686.254
092	5	657.366	6687.058
093	5	657.297	6687.160
094	5	657.031	6686.996
095	5	657.143	6687.105
096	5	657.279	6687.536
097	5	657.054	6687.574
098	5	657.293	6687.267
099	5	660.354	6684.039
100	5	660.367	6683.867
101	5	660.250	6684.019

Appendix 8. (continued)

6) Cottonwood Creek Potential Caribou Winter-Use Area

Plot	Area	UTM(mE)	UTM(mN)
125	6	653.208	6692.375
126	6	651.351	6690.479
127	6	651.212	6690.295
128	6	651.010	6690.102
129	6	651.116	6690.341
130	6	650.902	6690.133
131	6	650.720	6689.985
132	6	650.589	6690.102
133	6	650.382	6689.905
134	6	650.531	6689.868
135	6	649.289	6693.093
136	6	649.205	6692.771
137	6	649.120	6692.403

7) Big Indian Creek Longer-Established Caribou Population Winter-Use Area

Plot	Area	UTM(mE)	UTM(mN)
104	7	669.867	6742.630
105	7	669.888	6742.462
106	7	669.855	6742.277
107	7	669.789	6742.085
108	7	669.738	6741.924
109	7	669.703	6741.749
110	7	669.600	6741.310
111	7	668.394	6744.414
112	7	668.334	6744.117
113	7	667.542	6743.926
114	7	667.284	6743.593
115	7	672.865	6743.263
116	7	672.397	6743.277
117	7	672.424	6743.361
118	7	673.460	6741.204
119	7	673.419	6741.368
120	7	673.387	6741.049
121	7	669.653	6741.184
122	7	669.396	6739.990
123	7	669.336	6739.656
124	7	669.292	6739.367

Appendix 9. Summary of Lichen Cover Values per Sampling Areas[9]

Species	Sampling Areas(#PLOTS)	Mean	Stand.Dev.
Alectoria ochroleuca	SKI (41)	0.35	0.57
	TRU (20)	0.54	0.65
	MYS (13)	1.49	1.47
	RUS (14)	2.87	1.81
	TWI (20)	0.58	0.43
	COT (13)	0.49	0.45
	BIG (21)	0.84	0.83
Bryocaulon divergens	SKI (41)	0.58	1.34
	TRU (20)	0.31	0.42
	MYS (13)	2.04	1.91
	RUS (14)	1.89	1.72
	TWI (20)	0.26	0.46
	COT (13)	0.35	0.35
	BIG (21)	2.03	2.22
Cetraria cucullata	SKI (41)	0.52	0.39
	TRU (20)	0.34	0.29
	MYS (13)	1.24	1.05
	RUS (14)	0.43	0.26
	TWI (20)	0.81	0.49
	COT (13)	0.84	0.25
	BIG (21)	0.60	0.24
Cetraria ericetorum	MYS (11)	0.05	0.09
	RUS (14)	0.67	0.14
	TWI (20)	0.29	0.28
	COT (13)	0.28	0.23
	BIG (21)	0.15	0.15
Cetraria islandica	MYS (11)	0.68	0.30
	RUS (14)	0.09	0.08
	TWI (20)	0.66	0.43
	COT (13)	0.39	0.28
	BIG (21)	0.49	0.26

[9] SKI - Skilak-Tustumena Caribou Winter-Use
TRU - Truuli Creek Caribou Winter-Use
MYS - Mystery Hills Non-Caribou Potential Winter Range
RUS - Russian Mts. Non-Caribou Potential Winter Range
TWI - Twin Lakes Non-Caribou Potential Winter Range
COT - Cottonwood Creek Non-Caribou Potential Winter Range
BIG - Big-Indian Creek Longer-Established Caribou Winter-Use

Appendix 9. (continued)

Species	Sampling Areas(#PLOTS)	Mean	Stand.Dev.
Cetraria gp.[1]	SKI (41)	0.57	0.30
	TRU (20)	0.89	0.42
	MYS (2)	0.60	0.35
Cetraria nivalis	SKI (41)	0.92	0.90
	TRU (20)	1.18	1.10
	MYS (13)	3.53	2.66
	RUS (14)	5.07	2.14
	TWI (20)	1.39	0.83
	COT (13)	1.10	0.52
	BIG (21)	1.39	0.76
Cladina mitis	MYS (11)	7.43	5.28
	RUS (14)	2.95	2.23
	TWI (20)	3.34	2.05
	COT (13)	3.19	2.64
	BIG (21)	1.69	1.32
Cladina rangiferina	MYS (11)	3.75	2.31
	RUS (14)	5.35	3.73
	TWI (20)	0.93	0.57
	COT (13)	1.47	1.25
	BIG (21)	1.52	1.45
Cladina gp.[2]	SKI (41)	1.75	2.52
	TRU (20)	2.67	2.07
	MYS (2)	2.23	0.88
Cladina stellaris	SKI (41)	0.55	1.39
	TRU (20)	1.49	2.57
	MYS (13)	10.12	7.51
	RUS (14)	8.36	7.30
	TWI (20)	0.59	0.62
	COT (13)	1.67	2.55
	BIG (21)	3.57	4.79
Cladonia gracilis	SKI (41)	0.16	0.25
	TRU (20)	0.35	0.20
	MYS (13)	0.72	0.47
	RUS (14)	0.50	0.22
	TWI (20)	0.90	0.61
	COT (13)	0.80	0.37
	BIG (21)	0.69	0.24

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[1] refers to grouped Cetraria spp. ericetorum & islandica
[2] refers to grouped Cladina spp. mitis & rangiferina

Appendix 9. (continued)

Species	Sampling Areas(#PLOTS)	Mean	Stand.Dev.
Cladonia amaurocraea	MYS (11)	0.21	0.21
	RUS (14)	0.24	0.14
	TWI (20)	0.08	0.09
	COT (13)	0.26	0.13
	BIG (21)	0.49	0.23
Cladonia uncialis	MYS (11)	0.25	0.29
	RUS (14)	1.19	3.98
	TWI (20)	0.14	0.25
	COT (13)	0.07	0.07
	BIG (21)	0.20	0.21
Cladonia gp.[3]	SKI (41)	0.31	0.40
	TRU (20)	0.30	0.24
	MYS (2)	0.35	0.35
Pseudephebe pubescens	SKI (41)	3.07	7.58
	TRU (20)	1.27	1.75
	MYS (13)	0.03	0.08
	RUS (14)	0.20	0.29
	TWI (20)	0.17	0.33
	COT (13)	0.95	2.66
	BIG (21)	0.35	0.89
Sphaerophorus globosus	SKI (41)	0.27	0.40
	TRU (20)	0.36	0.30
	MYS (13)	0.56	0.52
	RUS (14)	0.72	0.39
	TWI (20)	0.34	0.32
	COT (13)	0.68	0.26
	BIG (21)	0.73	0.30
Stereocaulon alpinum	SKI (41)	3.12	3.18
	TRU (20)	2.35	2.53
	MYS (13)	4.59	1.82
	RUS (14)	2.67	2.47
	TWI (20)	8.20	4.74
	COT (13)	14.14	8.95
	BIG (21)	1.44	1.44
Thamnolina spp.	SKI (41)	1.09	0.71
	TRU (20)	1.01	0.18
	MYS (13)	1.05	0.24
	RUS (14)	1.21	0.28
	TWI (20)	1.21	0.32
	COT (13)	0.95	0.11
	BIG (21)	0.88	0.16

[3] refers to grouped Cladonia spp. amaurocraea & uncialis

Appendix 10. Row Summaries of All Macroplots per Area

Summary of 142 PLOTS N= 60 SPECIES

A) Skilak-Tustumena Recently-Introduced Winter-Use Area

Plot	Maximum	S[10]	E[11]	H'[12]
PLT001	30.400	19	.662	1.951
PLT002	44.800	16	.408	1.130
PLT003	13.850	24	.656	2.086
PLT004	36.800	23	.501	1.571
PLT005	36.500	17	.369	1.046
PLT006	36.000	19	.410	1.206
PLT007	7.300	23	.762	2.389
PLT008	14.350	19	.682	2.007
PLT009	12.600	23	.726	2.278
PLT010	9.250	29	.770	2.591
PLT011	11.200	26	.729	2.375
PLT012	12.850	25	.724	2.330
PLT013	21.400	19	.711	2.093
PLT014	6.800	26	.768	2.503
PLT015	8.400	25	.773	2.489
PLT016	10.300	26	.740	2.411
PLT017	6.050	26	.810	2.638
PLT018	39.750	17	.346	.981
PLT019	29.050	19	.466	1.373
PLT020	8.650	23	.688	2.157
PLT021	11.850	24	.720	2.287
PLT022	12.700	27	.646	2.129
PLT023	23.100	22	.501	1.550
PLT024	11.750	26	.706	2.299
PLT025	7.950	29	.735	2.474
PLT026	11.600	32	.675	2.341
PLT027	8.000	28	.783	2.611
PLT028	22.750	27	.569	1.876
PLT029	9.400	35	.774	2.752
PLT030	10.500	27	.687	2.265
PLT031	12.050	33	.688	2.406
PLT032	14.850	32	.729	2.527
PLT033	8.150	32	.799	2.770
PLT034	9.500	24	.766	2.434
PLT035	20.000	27	.714	2.354
PLT036	7.400	31	.827	2.841
PLT037	7.500	33	.824	2.881
PLT038	25.800	23	.646	2.025
PLT039	19.600	30	.637	2.167
PLT040	29.550	32	.601	2.083
PLT041	4.800	30	.786	2.672

Personally leave 20 min plots

Column - species Rare 60 lines/plot/season

[10] S = Richness = number of non-zero elements in ~~row~~ Column

[11] E = Evenness = H / ln (Richness)

[12] H = Diversity = - sum (Pi*ln(Pi)) , where Pi = importance probability in element i (element i relativized by row total)

Appendix 10. (continued)

B) Truuli Creek Recently-Introduced Winter-Use Area

Plot	Maximum	S	E	H'
PLT042	43.750	23	.500	1.566
PLT043	31.500	27	.572	1.886
PLT044	6.600	33	.799	2.792
PLT045	6.200	27	.749	2.468
PLT046	5.500	31	.811	2.783
PLT047	4.550	31	.862	2.961
PLT048	12.500	29	.727	2.448
PLT049	5.050	34	.825	2.909
PLT050	7.750	32	.786	2.722
PLT051	10.150	35	.767	2.725
PLT052	7.600	34	.810	2.855
PLT053	11.400	34	.806	2.844
PLT054	10.000	31	.765	2.626
PLT055	7.300	33	.771	2.694
PLT056	6.600	23	.753	2.362
PLT057	21.050	35	.614	2.183
PLT058	12.650	33	.743	2.597
PLT059	10.850	34	.760	2.679
PLT060	32.500	31	.561	1.926
PLT061	30.850	29	.514	1.729

C) Big Indian Creek Longer-Established Winter-Use Area

Plot	Maximum	S	E	H'
PLT104	19.300	36	.677	2.426
PLT105	13.900	30	.749	2.549
PLT106	15.800	34	.677	2.387
PLT107	13.800	31	.749	2.572
PLT108	13.300	37	.753	2.720
PLT109	17.550	32	.713	2.473
PLT110	9.000	35	.792	2.815
PLT111	6.100	36	.826	2.958
PLT112	5.650	32	.854	2.960
PLT113	6.150	39	.810	2.968
PLT114	20.250	31	.700	2.402
PLT115	9.150	30	.804	2.736
PLT116	8.200	31	.752	2.581
PLT117	11.900	31	.773	2.653
PLT118	7.150	32	.782	2.711
PLT119	6.850	33	.815	2.851
PLT120	13.650	36	.755	2.705
PLT121	17.200	42	.725	2.712
PLT122	11.850	37	.775	2.798
PLT123	7.250	34	.823	2.901
PLT124	8.000	32	.814	2.822

Appendix 10. (continued)

D) Mystery Creek Potential Winter-Use Area

Plot	Maximum	S	E	H'
PLT062	10.350	31	.804	2.760
PLT063	7.600	30	.827	2.813
PLT064	19.300	26	.706	2.300
PLT079	13.500	30	.764	2.599
PLT080	9.800	29	.834	2.808
PLT081	6.650	31	.861	2.957
PLT102	8.900	28	.821	2.734
PLT103	12.150	31	.775	2.660
PLT138	18.400	31	.785	2.696
PLT139	11.850	34	.786	2.771
PLT140	19.050	33	.739	2.582
PLT141	18.800	31	.715	2.456
PLT142	25.150	27	.677	2.230

E) Russian Mountains Potential Winter-Use Area

Plot	Maximum	S	E	H'
PLT065	18.550	28	.699	2.330
PLT066	13.350	28	.762	2.539
PLT067	14.300	29	.765	2.574
PLT068	20.550	35	.748	2.659
PLT069	17.550	27	.787	2.595
PLT070	12.400	34	.786	2.771
PLT071	9.300	28	.847	2.823
PLT072	21.000	25	.689	2.218
PLT073	21.350	32	.720	2.496
PLT074	19.250	28	.748	2.493
PLT075	10.600	29	.801	2.696
PLT076	13.350	27	.805	2.653
PLT077	13.350	30	.775	2.635
PLT078	12.700	27	.798	2.631

Appendix 10. (continued)

F) Twin Lakes Potential Winter-Use Area

Plot	Maximum	S	E	H'
PLT082	12.000	29	.761	2.563
PLT083	10.550	32	.812	2.816
PLT084	11.250	33	.805	2.816
PLT085	11.750	31	.763	2.621
PLT086	16.550	29	.744	2.504
PLT087	18.750	31	.651	2.234
PLT088	22.800	36	.657	2.356
PLT089	11.500	34	.710	2.504
PLT090	15.100	36	.728	2.609
PLT091	12.650	33	.715	2.501
PLT092	8.350	29	.770	2.593
PLT093	14.500	29	.703	2.369
PLT094	27.250	29	.617	2.076
PLT095	6.150	34	.829	2.925
PLT096	16.750	31	.742	2.547
PLT097	11.500	34	.744	2.625
PLT098	14.500	34	.737	2.598
PLT099	8.300	32	.799	2.769
PLT100	13.850	29	.730	2.459
PLT101	9.200	28	.747	2.490

G) Cottonwood Creek Potential Winter-Use Area

Plot	Maximum	S	E	H'
PLT125	17.750	31	.692	2.375
PLT126	7.800	39	.822	3.010
PLT127	11.700	30	.696	2.369
PLT128	15.550	34	.720	2.538
PLT129	9.700	33	.760	2.657
PLT130	14.550	34	.723	2.551
PLT131	20.150	35	.670	2.383
PLT132	10.800	37	.782	2.825
PLT133	20.050	35	.666	2.368
PLT134	21.350	33	.699	2.443
PLT135	19.550	33	.746	2.607
PLT136	34.750	30	.659	2.243
PLT137	34.250	33	.667	2.331

Appendix 11. Mean Lichen Heights per Sampling Areas[13]

Area (Yr.)	Sample Size	Species	Mean	s.d.
1) SK ('88)	271	group	1.58	1.19
2) TR ('88)	148	group	1.96	1.32
3) MY ('88)	14	group	3.07	1.19
MY ('89)	9	Al.och.	1.78	0.36
	10	Bry.di.	1.75	0.59
	18	Cet.cu.	4.75	1.23
	1	Cet.er.	2.00	
	18	Cet.is.	3.94	1.12
	29	Cet.ni.	3.45	1.23
	36	Cl.mit.	4.25	1.57
	34	Cl.ran.	4.56	1.50
	24	Cl.ste.	5.08	1.70
	17	Cla.gr.	3.68	1.09
	2	Cla.am.	5.00	1.41
	1	Cla.un.	4.50	
	3	Sph.gl.	1.17	0.29
	33	Ste.al.	3.86	1.26
	1	Tha.ve.	1.00	
4) RU ('89)	19	Al.och.	1.97	0.46
	11	Bry.di.	1.64	0.51
	4	Cet.cu.	2.50	0.58
	3	Cet.er.	2.33	1.53
	31	Cet.ni.	2.61	0.84
	21	Cl.mit.	3.24	1.18
	35	Cl.ran.	3.04	1.10
	32	Cl.ste.	4.23	1.13
	6	Cla.gr.	2.75	1.08
	4	Cla.am.	2.75	0.50
	2	Sph.gl.	1.50	0.71
	14	Ste.al.	3.36	0.72
	2	Tha.ve.	3.25	0.35

[13] SK = Skilak-Tustumena Benchlands - 41 PLOTS (# 01 - 41)
TR = Truuli Creek - 20 PLOTS (# 42 - 61)
MY = Mystery Hills - 13 PLOTS (# 62-64,79-81,102-103,138-142)
RU = Russian Mountains - 14 PLOTS (# 65 - 78)
TW = Twin Lakes - 20 PLOTS (# 82 - 101)
CO = Cottonwood Creek - 13 PLOTS (# 125 - 137)
BI = Big Indian Creek - 21 PLOTS (# 104 - 124)

Appendix 11. (continued)

Area (Yr.)	Sample Size	Species	Mean	St.dev.
5) TW ('89)	18	Al.och.	1.69	0.48
	4	Bry.di.	1.88	0.85
	29	Cet.cu.	2.48	0.82
	4	Cet.er.	1.75	0.65
	23	Cet.is.	2.57	0.96
	30	Cet.ni.	2.22	0.84
	63	Cl.mit.	2.82	0.93
	48	Cl.ran.	2.91	0.91
	11	Cl.ste.	2.91	0.97
	31	Cla.gr.	2.56	0.93
	1	Cla.am.	2.00	
	2	Cla.un.	3.50	0.71
	8	Sph.gl.	1.38	0.52
	60	Ste.al.	2.95	0.92
	2	Tha.ve.	2.00	0.71
6) CO ('89)	12	Al.och.	1.29	0.33
	4	Bry.di.	1.25	0.29
	24	Cet.cu.	2.44	0.85
	5	Cet.er.	1.50	0.50
	12	Cet.is.	2.96	1.08
	25	Cet.ni.	2.22	0.82
	41	Cl.mit.	3.02	1.13
	32	Cl.ran.	3.34	1.12
	21	Cl.ste.	3.57	1.06
	29	Cla.gr.	2.43	0.79
	8	Cla.am.	2.75	0.65
	3	Cla.un.	2.67	0.58
	10	Sph.gl.	1.30	0.42
	44	Ste.al.	3.00	1.02
	1	Tha.ve.	3.00	
7) BI ('89)	15	Al.och.	1.60	0.47
	31	Bry.di.	1.74	0.73
	19	Cet.cu.	2.24	0.93
	2	Cet.er.	1.50	0.71
	10	Cet.is.	2.35	0.53
	35	Cet.ni.	1.92	0.75
	58	Cl.mit.	2.18	0.90
	53	Cl.ran.	2.25	0.92
	41	Cl.ste.	2.78	1.16
	17	Cla.gr.	2.44	1.01
	8	Cla.am.	1.91	0.80
	2	Cla.un.	1.75	0.35
	11	Sph.gl.	1.30	0.53
	26	Ste.al.	1.88	0.68

Appendix 12: U.S.Public Land Survey Coordinates of the Vegetation Sampling Plots per Area and Plot Distances

Non-Caribou Potential Winter Habitat Areas

A) Mystery Hills Area

PLOT	T	R	S	Microsection[14]			Linear Macroplots[15]
62	5N	5W	9	13	1	3	
63	5N	5W	9	13	1	2	60 paces N of p62
64	5N	5W	9	13	3	4	
79	5N	5W	9	13	1	2	30 paces SW of p62
80	5N	5W	9	13	1	3	30 paces NE of p64
81	5N	5W	9	12	3	4	60 paces N of p63
102	5N	5W	16	1	4	2	
103	5N	5W	16	1	1	3	40 paces N of p102
138	5N	5W	16	1	1	2	60 paces N of p103
139	5N	5W	9	16	4	3	60 paces N of p138
140	5N	5W	16	2	4	1	
141	5N	5W	16	1	3	2	40 paces E of p140
142	5N	5W	16	2	4	2	100 paces W of p140

B) Russian Mountains Area

PLOT	T	R	S	Microsection			Linear Plots
65	4N	4W	18	1	3	2	
66	4N	4W	18	1	1	3	40 paces NE of p65
67	4N	4W	18	15	2	3	
68	4N	4W	18	15	2	1	
69	4N	4W	18	16	2	2	100 paces E of p68
70	4N	4W	17	12	2	3	
71	4N	4W	18	9	4	1	40 paces SW of p70
72	4N	4W	17	12	2	4	40 paces E of p70
73	4N	4W	17	12	3	2	60 paces SW of p72
74	4N	4W	18	16	1	1	60 paces SW of p73
75	4N	4W	17	12	1	3	40 paces SE of p72
76	4N	4W	18	2	4	4	40 paces SW of p65
77	4N	4W	18	2	4	1	40 paces NW of p76
78	4N	4W	18	2	3	3	70 paces W of p77

[14] Microsection refers to the division of a section into three consecutively smaller components, in a counterclockwize direction.The first division is in sixteenths, the following two are in quarters.

[15] Linear plots refers to those which are located along a transect. A pace is equal to two steps, which averages to 1 meter. Also, headings refer to the standard value corrected for declination for each area unless specified otherwise. Thus, the following values apply (in degrees) -- N(0), NE(45), E(90), SE(135), S(180), SW(225), W(270), and NW(315).

Appendix 12. (continued)

C) Twin Lakes Area

PLOT	T	R	S	Microsection			Linear Plots
82	2N	5W	4	12	1	2	
83	2N	5W	4	5	4	2	60 paces NE of p82
84	2N	5W	4	5	4	1	40 paces NE of p83
85	2N	5W	4	12	1	4	60 paces SE of p82
86	2N	5W	4	12	1	1	40 paces NE of p85
87	2N	5W	4	6	3	3	40 paces NE of p86
88	2N	5W	4	6	3	1	40 paces NE of p87
89	2N	5W	7	1	4	3	
90	2N	5W	7	1	1	3	60 paces N of p89
91	2N	5W	7	1	1	2	40 paces N of p90
92	2N	5W	4	11	1	4	
93	2N	5W	4	11	1	1	40 paces NW of p92
94	2N	5W	4	11	3	2	40 paces SE of p85
95	2N	5W	4	11	2	4	60 paces NE of p94
96	2N	5W	4	6	1	1	60 paces NE of p88
97	2N	5W	4	6	2	2	60 paces NE of p84
98	2N	5W	4	6	4	4	60 paces NE of p95
99	2N	5W	14	11	2	3	
100	2N	5W	14	11	3	3	80 paces S of p99
101	2N	5W	14	12	1	3	40 paces W of p99

D) Cottonwood Creek Area

PLOT	T	R	S	Microsection			Linear Plots
125	3N	5W	19	4	3	3	
126	3N	6W	26	8	2	4	
127	3N	6W	26	7	4	1	80 paces SW of p126
128	3N	6W	26	10	2	1	60 paces SW of p127
129	3N	6W	26	7	4	2	40 paces NW of p127
130	3N	6W	26	10	2	2	60 paces SW of p129
131	3N	6W	26	11	1	3	60 paces SW of p130
132	3N	6W	26	11	2	1	60 paces W of p130
133	3N	6W	26	12	4	2	80 paces SW of p132
134	3N	6W	26	11	3	2	40 paces SW of p131
135	3N	6W	15	10	3	1	
136	3N	6W	15	15	2	3	100 paces SW(210) of p135
137	3N	6W	22	2	2	3	100 paces SW(210) of p135

Appendix 12. (continued)

CARIBOU WINTER-USE AREAS

A) Skilak-Tustumena Benchlands

PLOT	T	R	S	Microsection			Linear Plots
01	1N	7W	24	5	3	3	
02	1N	7W	24	5	2	3	80 paces N of p01
03	1N	7W	24	5	2	2	80 paces N of p02
04	1N	7W	23	8	3	4	160 paces W of p01
05	1N	7W	23	8	3	1	80 paces N of p04
06	1N	7W	23	8	2	1	80 paces N of p05
07	1N	6W	19	3	1	3	
08	1N	6W	19	3	1	4	40 paces E of p07
09	1N	6W	19	2	2	3	40 paces E of p08
10	1N	6W	08	6	3	3	
11	1N	6W	08	6	3	2	40 paces NE of p10
12	1N	6W	08	6	2	4	40 paces NE of p11
13	1N	6W	08	6	2	2	40 paces N of p12
14	1N	6W	08	12	2	1	40 paces SW of p15
15	1N	6W	08	5	4	3	80 paces W of p10
16	1N	6W	08	5	4	1	40 paces NE of p15
17	1N	6W	08	5	1	4	40 paces N of p16
18	1N	6W	07	10	3	3	
19	1N	6W	07	11	4	4	40 paces W of p18
20	1N	7W	24	16	2	2	
21	1N	7W	24	16	1	2	40 paces E of p20
22	1N	7W	24	16	4	2	60 paces S of p21
23	1N	7W	24	16	2	4	40 paces W of p22
24	1N	7W	01	4	4	1	
25	1N	7W	01	4	1	3	
26	2N	7W	36	15	4	2	
27	2N	7W	36	15	1	3	40 paces N of p26
28	2N	7W	36	15	1	2	40 paces N of p27
29	2N	7W	36	10	4	3	40 paces N of p28
30	2N	7W	36	15	2	4	80 paces W of p27
31	2N	7W	36	15	2	1	40 paces N of p30
32	2N	7W	36	10	3	4	40 paces N of p31
33	2N	7W	36	10	3	1	40 paces N of p32
34	2N	6W	29	13	1	1	
35	2N	6W	29	12	4	4	30 paces N of p34
36	2N	7W	36	2	2	1	
37	2N	7W	25	15	3	3	20 paces N of p36
38	2N	7W	26	15	4	4	
39	2N	7W	26	15	1	4	40 paces N of p38
40	1N	7W	12	1	2	2	
41	1N	7W	01	15	4	1	40 paces N of p40

Appendix 12. (continued)

B) Truuli Creek Area

PLOT	T	R	S	Microsection			Linear Plots
42	2S	8W	13	14	1	4	
43	2S	8W	13	14	1	1	40 paces N of p42
44	2S	8W	13	11	4	4	40 paces N of p43
45	2S	8W	24	8	2	4	
46	2S	8W	24	8	2	1	60 paces NE(5) of p45
47	2S	8W	24	1	3	1	60 paces N of p46
48	2S	8W	24	6	1	4	
49	2S	8W	24	2	3	3	
50	2S	8W	13	14	2	1	30 paces W of p43
51	2S	8W	13	15	2	2	30 paces E of p43
52	2S	8W	13	3	2	3	
53	2S	8W	25	10	2	2	
54	2S	8W	25	7	3	4	40 paces NE of p53
55	2S	7W	30	12	2	3	
56	2S	7W	30	12	3	1	60 paces SE of p55
57	2S	7W	31	4	3	1	
58	2S	7W	31	4	2	1	60 paces N of p57
59	2S	8W	24	8	4	3	
60	2S	8W	23	14	3	4	
61	2S	8W	23	13	4	4	80 paces W of p60

C) Big Indian Creek Area

PLOT	T	R	S	Microsection			Linear Plots
104	8N	3W	18	5	4	1	
105	8N	3W	18	12	1	1	80 paces S of p104
106	8N	3W	18	12	4	1	80 paces SW(200) of p105
107	8N	3W	18	13	1	2	80 paces SW(200) of p106
108	8N	3W	18	13	2	4	80 paces SW(200) of p107
109	8N	3W	18	13	3	4	80 paces SW(200) of p108
110	8N	3W	19	4	3	3	
111	8N	4W	12	6	2	1	
112	8N	4W	12	6	3	3	
113	8N	4W	11	9	2	2	
114	8N	4W	11	15	1	1	
115	8N	3W	16	4	1	3	
116	8N	3W	17	1	2	4	
117	8N	3W	17	1	1	2	40 paces N of p116
118	8N	3W	21	6	4	1	
119	8N	3W	21	6	1	4	80 paces N of p118
120	8N	3W	21	11	1	2	80 paces SW of p118
121	8N	3W	19	5	2	3	30 paces SE(160) of p110
122	8N	4W	25	1	2	4	
123	8N	4W	25	8	2	2	100 paces S(194) of p122
124	8N	4W	25	8	3	3	100 paces S(194) of p123

Appendix 13: Environmental Matrix Categorial Variables Index

Rock Cover

Index	Amount
0	0 - 8.50
1	8.51 - 17.00
2	17.01 - 25.50
3	25.51 - 34.00
4	34.01 - 42.50
5	42.51 - 51.00
6	51.01 - 59.50
7	59.51 - 68.00
8	68.01 - 76.50
9	76.51 - 85.00

Soil Cover

Index	Amount
0	0 - 1.40
1	1.41 - 2.80
2	2.81 - 4.20
3	4.21 - 5.60
4	5.61 - 7.00
5	7.01 - 8.40
6	8.41 - 9.80
7	9.81 - 11.20
8	11.21 - 12.60
9	12.61 - 14.00

Dead Vegetation Cover

Index	Amount
0	0 - 2.77
1	2.78 - 5.54
2	5.55 - 8.31
3	8.32 - 11.08
4	11.09 - 13.85
5	13.86 - 16.62
6	16.63 - 19.39
7	19.40 - 22.16
8	22.17 - 24.93
9	24.94 - 27.70

Slope

Index	Degrees
0	0 - 4.00
1	4.01 - 8.00
2	8.01 - 12.00
3	12.01 - 16.00
4	16.01 - 20.00
5	20.01 - 24.00
6	24.01 - 28.00
7	28.01 - 32.00
8	32.01 - 36.00
9	36.01 - 40.00

Elevation

Index	Meters
0	762 - 819
1	820 - 878
2	879 - 936
3	937 - 994
4	995 - 1052
5	1053 - 1109
6	1110 - 1167
7	1168 - 1225
8	1226 - 1283
9	1284 - 1341

Aspect

Index	Compass Bearings
0	315 - 44
1	45 - 134
2	135 - 224
3	225 - 315

Herbivory

Index	Amount[16]
0	no sign
1	.001 - .378
2	.379 - .756
3	.757 - 1.130
4	1.131 - 1.511
5	1.512 - 1.880
6	1.890 - 2.260
7	2.270 - 2.640
8	2.650 - 3.020
9	3.030 - 3.400

[16] Refer to the Results section for explaination

Appendix 14. Lichen Drying Subset Information[17]

Species	Macroplot	Drying Hours			
		24	48	60	72
Alectoria ochroleuca	(98)	7.03	7.01	7.01	7.01
" "	(102)	5.76	5.74	5.73	5.73
" "	(103)	6.26	6.23	6.22	6.22
Cetraria cucullata	(81)	13.00	12.95	12.94	12.94
" "	(138)	6.14	6.12	6.12	6.12
" "	(92)	7.43	7.41	7.41	7.41
Cetraria islandica	(03)	2.24	2.22	2.22	2.22
" "	(93)	7.25	7.23	7.22	7.22
" "	(139)	9.70	9.64	9.63	9.63
Cetraria nivalis	(10)	2.85	2.83	2.82	2.82
" "	(44)	2.16	2.15	2.15	2.15
" "	(55)	1.59	1.57	1.57	1.57
" "	(69)	3.23	3.19	3.18	3.18
Cladina rangiferina	(39)	10.23	10.20	10.19	10.19
" "	(55)	4.82	4.78	4.77	4.77
" "	(73)	16.24	16.17	16.15	16.15
" "	(89)	23.80	23.74	23.72	23.72
" "	(99)	9.75	9.72	9.70	9.70
" "	(138)	13.24	13.17	13.15	13.15
Cladina stellaris	(32)	0.72	0.68	0.68	0.68
" "	(60)	3.50	3.46	3.45	3.45
" "	(93)	9.45	9.37	9.36	9.36
" "	(138)	11.35	11.27	11.25	11.25
" "	(139)	6.79	6.66	6.64	6.64
" "	(141)	12.58	12.48	12.45	12.45
Stereocaulon alpinium	(03)	11.65	11.56	11.53	11.53
" "	(53)	6.84	6.77	6.74	6.74
" "	(66)	2.85	2.81	2.80	2.80
" "	(93)	12.05	11.96	11.94	11.94
" "	(128)	10.78	10.69	10.67	10.67

[17] Lichen drying subset for determining drying time period with temperature at 37 C

Appendix 15.Harmonic Means[18] of Caribou Winter-Activity Areas with Caribou Winter-Range and Associated Macroplots Information

1) Skilak-Tustumena Recently-Introduced Population
[Wintering ('87-'88) Population size = 70]
Caribou days = 70 * 121 days = 8,470

Isopleth	Area(km^2)	Caribou days[19]/km^2	Macroplots[20]
DC10	4.30	197(2.29)	
DC20	1.88	451(2.65)	
DC30	4.70	180(2.26)	
DC40	5.73	148(2.17)	26 - 33
DC50	9.35	91(1.96)	7-9,18-19
DC60	1.90	446(2.65)	10-17,24-25,40-41
DC70	1.31	647(2.81)	20 - 23
DC80	1.75	484(2.68)	1 - 6
DC90	24.50	33(1.52)	34-35,36-37
DC100	1,674	5(-0.29)	38 - 39

2) Truuli Creek Recently-Introduced Population
[Wintering ('87-'88) Population size = 22]
Caribou days = 22 * 121 days = 2,662

Isopleth	Area(km^2)	Caribou days/km^2	Macroplots
DC10	0.054	4930(3.69)	
DC20	0.098	2728(3.44)	48
DC30	0.701	380(2.58)	49
DC40	0.667	399(2.60)	42-44,50-51
DC50	4.980	54(1.73)	45-47,59
DC60	1.101	242(2.38)	52-54
DC70	2.660	100(2.00)	55-56,60-61
DC80	3.400	78(1.89)	57-58
DC90	18.790	14(1.15)	
DC100	9.350	29(1.46)	

3) Big-Indian Creek Longer-Established Population
[Wintering ('88-'89) Population size = 243]
Caribou days = 243 * 121 days = 29,403

Isopleth	Area(km^2)	Caribou days/km^2	Macroplots
DC10	15.10	195(2.29)	
DC20	11.70	251(2.40)	
DC30	15.17	194(2.29)	
DC40	47.58	62(1.79)	104-110,111-112, 115-117,118-120,121
DC50	34.75	85(1.93)	
DC60	10.07	292(2.47)	113-114
DC70	30.48	97(1.98)	
DC80	19.80	149(2.17)	122-124
DC90	209.26	14(1.15)	
DC100	126.49	23(1.37)	

[18] Refer to the results section for explanation

[19] Explained in results section, base10 log in parenthesis

[20] Macroplots(#'s) associated with a specific isopleth

Appendix 16. Characteristics of the Vegetation in Areas Exposed to Varying Degrees of Caribou Herbivory Pressure

1) Skilak-Tustumena Recently-Introduced Population

Grazing Pressure[21]	No.of Species[22]	Diversity Index	Characteristic species %[23]	
0.04/km²(5)	27(3.5)	2.100(0.07)	Empetrum nigrum	22
			Betula nana	15
			Cladina rangiferina & mitis	8.9(21.7)
			Vaccinium caespitosum	8.0
			Stereocaulon alpinum	2.8(6.6)
			Lobaria linita & Umbilicaria proboscidea	2.5
3/km²(33)	29(3.5)	2.630(0.24)	Betula nana	7.5
			Empetrum nigrum	4.9
			Stereocaulon alpinum	4.5(10.9)
			Dryas octopetala	4.0
			Vaccinium caespitosum	3.5
			Cladina rangiferina & mitis	2.8(4.4)
8/km²(91)	20(2.4)	1.806(0.54)	Pseudephebe pubescens	14.1
			Dryas octopetala	6.8
			Vaccinium caespitosum	4.0
			Stereocaulon alpinum	3.4(8.1)
			Diapensia lapponica	2.9
			Salix arctica	2.4
12/km²(148)	31(2.8)	2.444(0.27)	Empetrum nigrum	10.7
			Dryas octopetala	7.6
			Diapensia lapponica	5.8
			Vaccinium caespitosum	2.4
			Stereocaulon alpinum	2.2(5.0)
			Cladina stellaris	1.8
37/km²(446)	27(3.1)	2.413(0.18)	Dryas octopetala	6.3
			Empetrum nigrum	5.5
			Diapensia lapponica	5.1
			Vaccinium caespitosum	3.1
			Stereocaulon alpinum	3.0(7.1)
			Cladina rangiferina & mitis	2.3(3.0)
			Pseudephebe pubescens	2.3

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[21] The first figure is the approximate number of caribou/km² and the figure in parenthesis is the caribou days of pressure per area, as defined in Appendix 16. The grazing gradient expressed is a function of the DC ranges mentioned in that appendix.

[22] Number of species(St.dv) and diversity(St.dv) indicies are the means of the values obtained per species for each plot (App.10)

[23] Dominent species and mean cover values per group; biomass (g) in parenthesis for certain lichen species.

Appendix 16.

1) Skilak-Tustumena area (continued)

Grazing Pressure	No.of Species	Diversity Index	Characteristic species %	
40/km^2(484)	20(2.9)	1.50(0.40)	Dryas octopetala	24.5
			Empetrum nigrum	12.9
			Salix reticulata	6.4
			Stereocaulon alpinum	4.4(10.6)
			Salix arctica	2.2
			Bryophyta spp.	1.8
53/km^2(647)	24(1.9)	2.031(0.28)	Empetrum nigrum	8.3
			Dryas octopetala	4.7
			Arctostaphylos alpina	3.0
			Salix arctica	2.4
			Stereocaulon alpinum	2.4(5.6)
			Oxytropis nigrescens	2.2

2) Truuli Creek Recently-Introduced Population

Grazing Pressure	No.of Species	Diversity Index	Characteristic species %	
4/km^2(54)	31(2.5)	2.723(0.18)	Dryas octopetala	5.6
			Diapensia lapponica	2.7
			Pseudephebe pubescens	2.5
			Cladina rangiferina & mitis	1.7(1.3)
			Salix arctica	1.7
			Cetraria nivalis	1.3(1.8)
7/km^2(78)	34(1.0)	2.390(0.21)	Empetrum nigrum	13.5
			Dryas octopetala	6.6
			Salix reticulata	6.0
			Bryophyta spp.	2.7
			Cyperaceae spp.	2.2
			Stereocaulon alpinum	1.8(4.0)
8/km^2(100)	29(3.7)	2.178(0.38)	Empetrum nigrum	15.8
			Dryas octopetala	4.1
			Stereocaulon alpinum	3.9(9.4)
			Diapensia lapponica	3.3
			Vaccinium caespitosum	2.4
			Pseudephebe pubescens	2.3
20/km^2(242)	33(1.4)	2.775(0.11)	Dryas octopetala	7.1
			Empetrum nigrum	6.5
			Cladina rangiferina & mitis	5.2(11.2)
			Diapensia lapponica	2.7
			Cetraria nivalis	2.6(3.5)
			Bryophyta spp.	1.9

Appendix 16.
2) Truuli Creek area (continued)

Grazing Pressure	No.of Species	Diversity Index	Characteristic species %
31/km^2(380)	34(0.0)	2.909(0.0)	Stereocaulon alpinum 5.1(12.4)
			Empetrum nigrum 3.8
			Loiseleuria procumbens 2.2
			Dryas octopetala 1.9
			Cladina rangiferina & mitis 1.7(1.3)
			Diapensia lapponica 1.1
33/km^2(399)	30(4.4)	2.338(0.51)	Empetrum nigrum 19.2
			Cladina stellaris 5.4(13.2)
			Dryas octopetala 4.8
			Cladina rangiferina & mitis 4.3(8.7)
			Stereocaulon alpinum 1.9(4.3)
			Vaccinium caespitosum 1.6
224/km^2(2728)	29(0.0)	2.448(0.0)	Salix arctica 12.5
			Stereocaulon alpinum 5.9(14.4)
			Empetrum nigrum 4.7
			Betula nana 3.6
			Vaccinium caespitosum 2.5
			Cladina rangiferina & mitis 1.2(<0.1)

3) Big-Indian Creek (Longer-Established Population)

Grazing Pressure	No.of Species	Diversity Index	Characteristic species %
5/km^2(62)	34(3.1)	2.676(0.17)	Dryas octopetala 7.3
			Cladina stellaris 4.1(10.9)
			Diapensia lapponica 3.9
			Vaccinium caespitosum 3.4
			Cladina rangiferina & mitis 3.2(5.5)
			Empetrum nigrum 3.1
			Bryocaulon divergens 2.4(2.9)
12/km^2(149)	34(2.1)	2.840(0.04)	Vaccinium caespitosum 6.1
			Dryas octopetala 4.5
			Cladina stellaris 4.2(11.1)
			Arctostaphylos alpina 4.1
			Empetrum nigrum 3.6
			Cladina rangiferina & mitis 3.5(6.4)
			Gramineae spp. 2.7

Appendix 16.

3) Big-Indian Creek area (continued)

Grazing Pressure	No.of Species	Diversity Index	Characteristic species %
24/km^2(292)	35(4.0)	2.685(0.28)	Dryas octopetala 11.7
			Vaccinium caespitosum 5.1
			Stereocaulon alpinum 3.2(7.6)
			Cladina rangiferina & mitis 3.0(5.0)
			Diapensia lapponica 1.6
			Gramineae spp. 1.4

Appendix 17. Characteristics of Vegetation in Non-Caribou Potential Winter-Use Areas

Sampling Area	No. of Species[24]	Diversity Index	Characteristic Species[25]
1) Mystery Hills	30(2.1)	2.644(0.20)	Cladina stellaris 10(21)
			Cladina rangiferina & mitis 9.8(24)
			Dryas octopetala 8.8
			Stereocaulon alpinum 4.6(11)
			Diapensia lapponica 3.7
			Empetrum nigrum 3.1
			Vaccinium caespitosum 2.8
2) Russian Mts.	29(2.7)	2.580(0.16)	Diapensia lapponica 8.7
			Cladina stellaris 8.4(18)
			Cladina rangiferina & mitis 8.3(20)
			Cetraria nivalis 5.1(6.7)
			Dryas octopetala 4.7
			Alectoria ochroleuca 2.9(2.8)
3) Twin Lakes	32(2.5)	2.549(0.20)	Empetrum nigrum 9.5
			Stereocaulon alpinum 8.2(20)
			Dryas octopetala 7.5
			Cladina rangiferina & mitis 4.4(8.9)
			Vaccinium caespitosum 2.6
			Cetraria nivalis 1.4(2.0)
4) Cottonwood Ck.	34(2.5)	2.515(0.21)	Stereocaulon alpinum 14.2(35)
			Dryas octopetala 9.8
			Cladina rangiferina & mitis 4.7(9.8)
			Vaccinium caespitosum 4.3
			Empetrum nigrum 3.5
			Grass 2.9

[24] Number of species and diversity indices are the means (St.dev.) of the values obtained for each area per species

[25] Dominant species and cover(mean) values per area; biomass(g) in parenthesis for certain lichen species

Appendix 18. Factor Loadings for Factor Analysis[26] of the Vegetation data[27] from all macroplots

VEG 1 (9.5%)		VEG 6 (3.9%)		VEG 13 (2.4%)	
Bry.di	.80622	moss	.76020	**Cla.un**	.73070
Al.och	.74038	sedge	.71497	**Tha.ve**	.69391
Dia.la	.72458	**Cet.er**	.40224	Sal.ar	.42967
Cet.ni	.69691				
Tof.co	.57292	VEG 7 (3.6%)		VEG 14 (2.3%)	
Sph.gl	.55760	**Lob.li**	.81453	Bet.hy	.85678
		Emp.ni	.49977	Ped.oe	.81842
VEG 2 (7.9%)					
Cl.ste	.85378	VEG 8 (3.4%)		VEG 15 (2.2%)	
Cl.mit	.71512	Sil.ac	.86883	Gen.gl	.71056
Cl.ran	.66573	Sal.re	.62536	Ped.la	.44878
Led.de	.54496	Dry.oc	.58790	**Cet.is**	.40697
VEG 3 (5.4%)		VEG 9 (3.3%)		VEG 16 (2.1%)	
Art.ca	.83042	Oxy.ca	.73265	Vac.vi	.74642
Lyco.	.76440	**Cet.cu**	.68456	Bet.na	.57155
grass	.61869	Oxy.ni	.48533		
		Ste.al	.41102	VEG 17 (2.0%)	
VEG 4 (4.8%)				**Umb.pr**	.89551
Poly.v	.71462	VEG 10 (3.0%)		Vac.ca	.60736
Cla.am	.59831	Min.ar	-.73149		
Camp.l	.54555	**Pse.pu**	-.56392	VEG 18 (2.0%)	
				Dac.ar	.78290
VEG 5 (4.1%)		VEG 11 (2.8%)		mushrm	.39227
Ant.mo	.69711	Arn.fr	.74564		
Cla.gr	.51570	Anem.n	.61109	VEG 19 (2.0%)	
Lloy.s	.38369	Lois.p	-.48682	Arc.al	.73995
Ped.ca	.32299			Ast.um	.78180
Ped.sp	.30800	VEG 12 (2.5%)			
		Bet.gl	.78999		
		Spir.b	.67391		

[26] Factor axes rotated with varimax technique

[27] Lichens in bold