

Annual Report December 2002

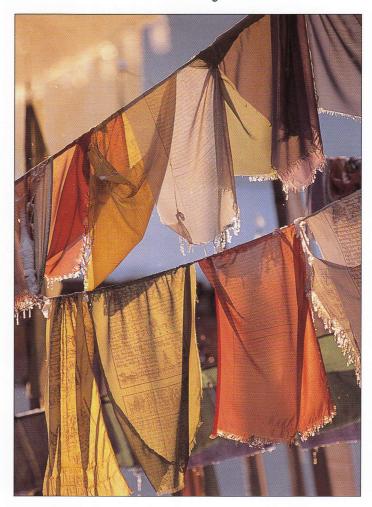
र्थे नसूर सूत त्। क्षेत्राचे २००१-२००२



Bhutan Trust Fund for Environmental Conservation

"""" તર્સુગ ને સ્ત્રેંગ હ ગયા ન રા ગામ અસા સાર અસા હેં ગયા મળા હવા તેરા ને રા ને રા મો તે ગયા. મુ: ન તે : ત્રે ગમ હું : મો ર રા રા લે મા સા સા સા સા સા સા સા મો કે મા પ્ર ક્ષે : સે તે : પ્યમ : એ રા મો કે મા સા સા મો કે મા સા મો કે મા સા સા સા સા મો કે મા સા સા સા સા સા સા સા સા સ

> यर्चेग.रट.यृष्य.योष्य.क्षेट अ.वीट.क्रींय.युं.योटेट.अ.टेट्जी क्षेत्र.लूट अ.योष्ट.वीश्वश्री क्षिं.जू. १६७०



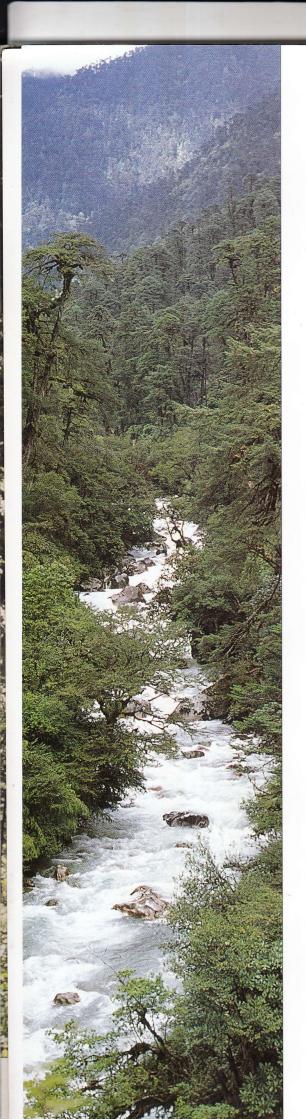
" ... for the promotion of social welfare through environmental conservation of the forests, flora, fauna, wildlife, diverse ecosystems and biodiversity in Bhutan ... "

Royal Charter, 1996

### ANNUAL REPORT, 1 JULY 2001 TO 30 JUNE 2002

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### यर्गेन् केंग्याम् तहें व मुग्याम् तहें व

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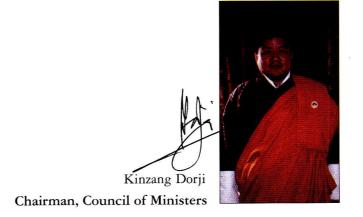
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### MESSAGE FROM THE CHAIRMAN OF THE BOARD

year since the full 'Bhutanisation' of the trust fund's governance, I am pleased to report substantive progress at the trust fund and among its grantees. Financial 2001-2002 saw the highest expenditure to date, \$1,405,715, of which \$1,127,238 was spent on 19 conservation grants. This reflects well on both the absorptive capacity of multiple grantees and effective programming of financial resources for several major conservation initiatives.

A decade since inception, the impact of our interventions on Bhutan's natural environment has been significant. It has substantively enhanced capacity within educational, non-government and government institutions, to respond proactively to conservation challenges. The development of a strong pool of conservation specialists is allowing us to lay the foundation for long-term interventions, to better understand our natural heritage in order to sustain a vision of balanced development and conservation.

The trust fund's role in Bhutanese society is more relevant today than ever, particularly as the Royal Government's decentralisation initiatives will empower rural communities with resource management authority. Considering the predominant rural base, the trust fund now has to engage a wider audience to ensure that local decisions sustain the conservation achievements Bhutan is globally known for. This is a logical development building on prior investments, utilising trained human resources and specialised knowledge, to eventually help fulfill this institution's social welfare mandate.





### अर्रे के ब की. ट्रंस्ट्रिंट म्बार्य न निर्

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हुँचयाक्याचर्यर वस्त्र इसक्या

### INTRODUCTION BY THE DIRECTOR

t is my pleasure to report that, for the first time since the inception of the trust fund ten years ago, we exceeded \$1 million in conservation grants expenditure in a single year. This was the culmination of several high impact grants in Bhutanese society and government, whose implementation peaked during the fiscal year. An important five-year project to promote environmental studies in the national primary education system concluded during the year. Similarly, the \$3 million plus initiative to build institutional capacity for conservation is in its final year, with most staff in place and at least 149 conservation professionals trained or completing graduate-level training. \$1,217,029 was awarded in 10 new grants during the year.

Our investments in the global capital markets continued to perform poorly and we experienced some losses during the year, although we suffered less than our peers globally. The market value of assets decreased 9.24 percent under-performing the combined benchmark return of -7.34 percent, with cost value decreasing by 7.97 percent to \$28,319,820. As a result, for the first time we realised a loss of \$983,219. However, since inception the endowment has generated 6.33 percent, outperforming the benchmark return of 5.75 percent. Risky investments have now been transferred into safer instruments and the annual spending ceiling revised to 2.5 percent of invested assets.

Recognising that we have less to spend in future and that investments in human capital require time to generate value, the trust fund has to strategically build on past investments. As we plan the next five-year grant making cycle, a critical focus area will be to better understand our natural environment in order to institute an enduring framework for conservation. It is in our interest to ensure that we sustain the progressive conservation policies that have brought us this far, against the emerging dynamics of globalisation, rapid local development, and the political and economic decentralisation recently initiated. We can best sustain our rich natural heritage through the sophisticated consumption of scientific knowledge and a firm footing in a spiritual tradition most conducive to conservation.

Tobgay S. Namgyal



### त्रचुग्-रट:यबेद्राग्नद्भाःसूट शसुट:सुन्-र्से गहेर्-स-रह्म

### यह्रब् श्लेर मर्गार क्रूबन

क्षे हे र्ह्मेब में निगतम गुब मबर हैं है। मर्गेन र्के गर्भाष्ट्र प्रहेब। मत्र भे प्रहायेन।

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म्प्रिंच संग्रीयान सूर्य देश स्था मुख्य

### क्षेत्रक्रू गन्ग

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### यर्नेगागान्त् व्यद्धितः सुरि स्टिंगवाया

र्ज्ञ प्रदार त्र्य के राम्य विकास

ক্রীনানার্বি: বিহুমানার্বাবি: বেইরি| বর্ষুব্'রমকার্বিন: ধ্রীনা

호교육· 최·초·전조| 학교육·구| 최조·한국구|

### र्क्के त्रदे अदि नर्के नर्गेत् र्के ग्रायक्र र

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ज्ञात्रवाह्मवाणा। अर.चन्नवाह्मवाह्मराच्या।

त्रम् तक्षः क्षेत्रः दे न्यायः सन्द्रयः ययः दे स त्रम्

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### BHUTAN TRUST FUND FOR ENVIRONMENTAL CONSERVATION

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Dasho Nado Rinchen

Deputy Minister

National Environment Commission

Dasho Wangdi Norbu Secretary Ministry of Finance

Pema Thinley
Director General
Department of Education

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Editor-in-Chief

Kuensel

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Lungten Norbu, Ph.D.

Ministry of Agriculture

Kinzang Namgay

WWF Bhutan Program

Tobgay S. Namgyal Trust fund secretariat



### वनसःनेनःगुःविनायसः अन्द्यार्ग्रेन्सः समन्ति देवः न्वेनसर्देत्।

### बीटार्सेट्रायन्त्री। रट्रायहेब्रायव्यक्ष्मेट्रायोः झेळ्ब्राट्र क्रिट्क्रीक्रीट्र र्यायक्रीह्र्ब्स्सेट्र ए. एव्रायहेब्रायक्ष्यक्ष्य

- \* गृत्र भ्रें न यथा सुर भ्रेंन सर्वेद सायदेव भ्रेंद में दर त्या देशमाया मक्षय मुंग में विकास महित के विकास मुन
- अँवाक्ष वाकान हैं अ सुद्ध नट नावेष वाष्ठ अंदर्ग तही. तर्जे. नाकान नट नावेष की. वाष्ट्र कियान सेट क्रिया प्रमान क्रिया क्र
- \* णुद्र न हुंद द्वाया क्या यहें द र्स्नेट 'चे। यक र माने दर ' व्यवसदर 'यहे या न वे. र्सेचाक मुचा सुद र्सेचा यह र सेंचा यक र माने दिर केंद्र स्था के द्वा

# स्रुक्तीसकी. यस्त्र-प्रकृतकी. क्षेत्रा स्वर्गातका स्वर्म क्षेत्रा प्रमाण्य प्रमाण प्रमाण

र्गुग्यारम् सामान्द्रिया मुद्रान्ते मी। त्रात्यम प्पन् से दे रेग्या

- \* बीट भ्रेंचियन होते वर्षी । त्र्यो प्रमेत्र केष्म वर्षी प्रमान स्थाप क्ष्म प्रमान स्थाप क्ष्म स्थाप क्षम स्याप क्षम स्थाप क्षम स्थाप क्षम स्थाप क्षम स्थाप क्षम स्थाप क्षम स
- \* कुंथाचित्र मार्स्स्यां कर्णमार्थाः स्त्रुत्र मार्थाः स्त्रुपार्थः यह मात्रियः त्र त्रिक्षेत्र स्वरः स्वरः

### खुर र्सुन कु नेश वित खेर कुशर र रे सेंर कु में हेंगशायर द्रमा मर्जे दी

मूर्याया राज्या में देश हो हो है से स्वायन से में से मार्थी

- \* गलि हेत शूर हेंग एं में हेंग रायर रेग
- \* स.मैंट्र ज.मैंट्र क्रीया करा पर्वेया मार्ग रहा नाविष्या विषय क्षेत्र क्षा क्षेत्र क्षेत्र क्षेत्र क्षा क्षेत्र क्षा मार्ग क्षा नाविष्य क्षा मार्ग क्षा मार्ग क्षा नाविष्य क्षा
- \* रीट क्रिया ही होस्या त्याया दट क्षेत्र हुन या व्यापना हुन हो में क्षित्र प्राप्त कर कर विनद्दे के देव प्राप्त कर



### STRATEGIC FUNDING OBJECTIVES

Supporting in situ and ex situ conservation initiatives in the entire green sector, including sustainable utilization of genetic and species resources.

Broad activities eligible for funding include:

- Capacity building for integrated conservation and development in protected areas with management plans
- Conservation management planning and infrastructure building for parks yet to be brought under scientific management
- Enhancing central government capability to provide specialized support to protected area management
- Protecting and/or restoring the biophysical environment from natural and anthropogenic threats
- Sustainable forest management planning and agro-biodiversity conservation

Strengthening integrated conservation and development planning through applied conservation research and monitoring of biodiversity change.

Broad activities eligible for funding include:

- Capacity building for socioeconomic assessments, biodiversity inventories, and development and conservation research
- Promoting central government capability for organizing, storing, analyzing and providing access to conservation information
- Assessing and monitoring biological change in protected areas and national forests, consistent with the National Biodiversity Action Plan

Promoting conservation education and awareness of conservation policies and issues.

Broad activities eligible for funding include:

- Non-formal conservation awareness programs
- Integrating environmental education into the national education curriculum and strengthening human capacity for conservation education
- Developing resource materials and teaching aids on Bhutan's natural heritage
- Involving religious communities in promoting conservation values and ethics
- Building awareness of conservation legislation, public policy and regulations



## हैं के २००१ हैं। हैं ये यायम हैं के २००२ हैं। हैं ७ या क्र व हैं। या क्र व हैं।

शुँ में २००१-२००२ गुँ ईसमें दे दर वुद के मुँग्य रस

कुं. योच्याच्यतः सूचाचा याद्यं तुः वटः समूट् हे. लुं. योच्याच्यतः सूचा याद्यः सूच्यः व्याच्याच्यः सूच्यः व्याच्यः सूच्यः याच्यः स्वयः सूच्यः स्वयः सूच्यः सू

अर्हे रे अर्बेट 'नदर'ग्री'ग्रीग्रारमा

र्त्वे गहर में रह्य के अर्थे दे वे स्नवस्य सेंट वर्र ५७०,००० व्रेव र्पेन्धन में ज्ञानिक रका प्रमाणिक से में ने हैं निया देगासदे:&a'द्रगदिर: ३'गर्अार्स्ट्रेट:देग'स दे'यया क्षाङ्गेदः विवादास्त्राच्या स्वाद्या क्षेत्र क्षेत्र स्वाद्या विवादा स्वादा स्वादा स्वादा स्वादा स्वादा स्वादा स्वादा स्व क्र न लाम लाम मार्चित मार्चित होता स्वास्त्र स्वास्त्र स्वास्त्र स्वास्त्र स्वास्त्र स्वास्त्र स्वास्त्र स्वास हे.लूट्न.चबुब.ट. स्वयं संबर्गत्वाची. कील.लूट स.सूबी.क वास. ब्रुळ्ग्रस्थान्दरः स्त्रवयन्दरः क्रेन्द्रम्मुनः स्वनसर्ह्गा यशामुर या दे यय वर्ष कर्ष या बन या हे गा यथ मिर या र्सु યશ્ર હિરે. કુમાં ૧૧ વર્ષે. ત્યો, જોણા જાણું કર્યા કરીયો. જાયો. શુંચા षर दर गे। व.५ वे व. में रेव राष्ट्रेंग महा गर्डुंग यग र्सेंग पर ने ઌઌઃ બ્યૂએ'તે.જો.ભીંધ. મેંગ.ભૂદ અ.માર્ચેમ.નમાં સીંચ.પટ વર્ષે છું. बरः क्षे:भीरः रेषाः भवे :कंबः रेषाः ५८ः १४ गर्ने:भ्रेरः यो :कंबः रेषाः टे.जबः क्ष.र्नेषः वेचबाक्ष.क्ष.वाचीः सूचः सूटः क्. प्यनदः नषः नम्रहः लूरी ग्रुंबाकारशायवार नष्ट्राम्ब्याज्य प्रुंबाधिरात्रार्थी यक रे अ तर्में दर्भेद मुडेमा धार्षे के छोर में र देश मुड्मा यम श्चिमायर वर विवर् रर मिलेव श्चर विदायहेव श्चेर मे लूर्याक्षयी क्ष्याज्याचर्षाच्या मूराव्याची. श्रूरार्झ्रेट. म्योगना रमाक सम्भानक माने स्मिन होन म्योगना रमाने र लूट यानर्जुशया ली.लाजुर्ग्ने.जैर. रउ '७० त नहेट विगी

 कैंग्र वर्षिट. रट. यहुव. वव ब्रन्डिट ब्राजिट क्रिंच कुर.

र्भुट सन्द्र्य दूर्वियाची, क्रार्चर चर्चैर पहुष की. मैजा में आकृता की. रेडी त्यत्रि, यवर मृत्ये क्षेत्र, ज्ञान क्ष्या या विषय । यद्ये र प्रवास क्ष्या या विषय । य क्षेट अ. ब्रीट. भूरिय झे. क्ष्य. दे. बीय. पर्यं अ. ब्रीट. परव्यं अ. ब्री. स्था यम कुरा सेट प्रेंट्र माजेत हैं के 2003 यस हैं गहर सार हैं ग मुै। जनायर मी. मैरा भूर जना रूपा यह यो यर्दी यपुर सैययाजी बन् तर्जे दे अन्द्रभ अं १ अअगमर निष्णविष्यं सुर्भे दे००१ वर में ब भूर में अपरिता ली ले का पूर्व में यह मार्थ में वह मार्थ है। र्ष्येर्भ छेते। यदे में देव थः कुथ मृत्र महर रह रहेव व मावर र्मेर अ.बीर. मुेंच. इं.क् ब.की. ल.ल.का. मूं. गूर. १८५,००० वर. यार. न्-नर्जुन्य र्पोर्न्य-न्- र्ग्निय-रक्ष-न्नेद्व-क्षे अर-रन्य-क्ष्म-नी-मुन्य-जयः योक्षीं, भभेतायमुंजाग्रीर यमुजाजया है ग्रीया ती छोत्री ॅॅि.जूर. ५,,,,, रू. गाःशे.सॅर.वे.पाःचला मे।रे. केरशे.टेमार्रेव. योहराश्चर्या में या लूट या मर्जू स्था मुख्य प्राप्त से हैं ग्यूर ≈ ५,,,,, अ.మా. ఇక్కు ఆడు చేచళు చ్రీకు శ్రాఖు అని శా.ఖీ. ఇ न्द्रायां कु त्रवें र कर्ने से से से र त्र त्र स्थान से सामित्र सामित्र सामित्र सामित्र सामित्र सामित्र सामित्र वे.क्षव।

### **GRANTS AWARDED IN FISCAL 2001-2002**

uring financial 2000-2001, the trust fund awarded \$1,217,029 in 10 new grants, including seven grants approved in the previous year and implemented in the present financial year. Of these, the major grants are described in the following pages, along with annual progress of at least six ongoing grants initiated over the past five years.



### Graduate training grants

During the year, \$267,000 was awarded in four new training grants. Three grants were awarded to the Ministry of Agriculture for MSc-level studies in plant taxonomy (Grant MB0033-01), freshwater fishery biology (MB0035-01), and social / community forestry (MB0040-01). Professionals from the Ministry of Agriculture's National Biodiversity Center, Department of Agriculture and Livestock Support Services, and Department of Forestry Services began studies in botany, fishery biology and community forestry at the University of Missouri in the USA, University of New Brunswick in Canada, and Australian National University, respectively. A fourth training grant (MB0037-01) is enabling the trust fund's program officer to study for an MSc degree in natural resource management at Cornell University in the USA. Collectively, the above grantees expended \$82,915 during the year.

### MB0034-01: Royal Botanic Garden, Phase II

The establishment of Bhutan's first botanic garden was financed by the trust fund. It continues to receive financing for ongoing development activities. When the initial grant concluded in 2000, it was found that further interventions were necessary in order to develop the gardens into a living collection of Bhutanese flora. In 2001, a

two-year grant of \$93,804 was awarded to develop an irrigation system, cultivate *in-situ* representative flora from the different ecological zones of Bhutan, and site landscaping including recreational facilities for public use. So far at least 150 species have been planted throughout the garden. The grantee expended \$21,529 during the year.

# MB0036-01: Endowment Fund for the Royal Society for the Protection of Nature

Under the royal patronage of HRH the Crown Prince of Bhutan, the Royal Society for the Protection of Nature (RSPN) has gone through significant institutional growth. In order to sustain financing for core costs when the trust fund's institutional support concludes in 2003 (see MB0009-99 below), a \$1 million endowment was established in 2001. In spite of the weak global economy, RSPN has to date secured at least \$185,000 in direct contributions to the endowment. Among major donors, the Swiss Development Corporation contributed \$50,000, and \$25,000 was received from Mr and Mrs Gary Hirschkron of California. The trust fund will match all contributions one-to-one upto a total of \$450,000.

ग्रीट, ग्री, जेट, यांचूर, प्रचीत, क्षांची व्यक्ष्म क्षेत्र, यांचूर, य

द्ये.ज्र<sup>५००५</sup> क्री.कं.क.ज. ब.प्र्रस्य क्री.ट्रेंब.ज. ५व.व्यंग.यर्षेट. युषा भारटी जाग्री ग्रीमाका र भारती हुन भारती पार्श्वी र जी प्रीमाने र भारती न्द्रभाक्षेत्र पालेश्नेन्यूर , १८५,०५० व्वतः स्मा र्र्जा मान् अ.रेट्ज.क्री. क्यें.सूर.ह्या.जय. ४अथ.र्येंट.क्ये.रेश्येथाताज. अर रचरा छ्या नञ्जन दे खाद अ.टे. यर (%) व्या ग्रुट ाय <u>श्</u>या जी अ.भक् भरामी भूरे तयर वृष्ट वर बार या बाबी वारर है. नगरा इसार्स् पर्के क्रिंट प्रचन दे नरा यस से यानर के राणु <u> વૈરાજ્યાન મહેલા તુરા અને કૃષ્ટિ સ્થિત સ્થેન ન</u> चिर हैं पि ह्या थी की भीर प्यर्ट श्रेयोश स्वार्टर हेबाय छवे. क्षे.वे.द्रवायावकेया पक्ष्.भूर.पचर.यद्र.याव्र्य. के.भूर. शूर.पु.लुपी अपूर अ.रे. पू.अ.र्जिय.ग्री.सूग्. सं. हुंग.रेट. जूर. भूंच.मी.र्ट्य.मी. बीट.मीच.नष्ट.र्जूट्,मीमाचनमाचाम्य.मु.मून् (४) अ.प्रूट अ.प्रै. चैट .प्र.इबी.सी. बीटेष. एड बी अ.प्रै. खैंट .क्रैय. नदुःहूर्विश्वनम्वनहें बैरःधूरायनर्वे छाल्रवश्वरास्टर र्भग्राचर्यार्, याग्रद्यास्त्रे, यद्र, स्राम्याः मीनमान्दरामाञ्जूरा देरायना श्लेषामी केरानेदराई सुदारा होन वे.क्षरी भेज.रचय.वय.मी.य.चेय. गर्नेर.ज्य.चमीर.ने. यर्भार्म् ग्रीर जर में प्रत्य कर के नक्ष मध्य है भी दर्म नहीं नर्जे वे क्षेत्रस्य र अगत्र अपदि र कुंदे रे देव य सून नियम दे विन पर्कु ताम्ने मान बंभा देवा प्रमर् चेश है। ग्रीर दर मेर्टर तान र्बेट.भैच.न.इ.हूर्ट.ब्रिजार्थ्.चभैच.धु.क्षरी (८) अ.पूर्ट अ.पूर ઌૢ૽ઌૺ.ૹૄઽ.શૂ૮.ૹ.ઌ૽ૼઌૢૼટૹ. ઌ૽ૼ૱ઌઌ.ઌ૾ૢૼ૱૽૾ઌ૾૱ ૱ઌૢૢૻ૱ १ अर्थः सूर में देव ता क्षेत्रम में में हेंग्या स्थानम में मन તાલા જ્વાસું ત્રાસું કું જાવસાના સુર્સૂન માર્જી તો તોર રફું મહા છી. નદ चर्षयः योष यासीट यास्त्रे छः स्रे रः ज्ञे या र्ल्य चित्रः वचयाः ग्रीः बचयाः हेगार्ख् : यर चित्र वे क्षेत्र।

बैट मुँच कु. का जूट क सूंबा चूंद लाट चीहे का माल्य । कर मूं हु रियट किया थी. बीट मुँच का जूट का कु. की जा जवा के पाल ता की बेट ला ता हु का माल्य का माला का की जा प्रमान कुंच कु. का जूट का लूट का महिला माला का प्रमान का की कुंच कु. का जूट का लूट का महिला माला का प्रमान का की कुंच कु. का जूट का लूट का महिला माला का प्रमान की का माला का के माला माला के मान माला के का माला का माला का लिए का माला के माला का माला के माला का की माला का माला की का माला का माला के माला का माला की माला का माला की माला की माला की माला का माला का माला की माला का माला की माला की

वर्गश्वक्तकी म्रामुबादहवार्सुट मुन्ति

त्रद्यायदे द्यारवया मुक्रेया गुःरेटः द्येग्यावया प्र यवश्रार्विष्युः यवश्रायान्त्रिशः स्राम्यः मुः र्दश्रास्त्रं वर्यश्रा क्ज.मुव.रे. भवतः यक्र.विश्वस्तर अविश्वर् क्षात्मन हेन् स्वा बे मुक्तेन पर बर ने राक्षा वर्षे न क्षान हेत्र हे. चूट यायय गृब्द गीय दग्न यर्थ या की वेर् अदःसनःदरः बूरः भूनः कुर्ने त्यः यसायरः वाः ईवासायुनः कुं भ्रेन् वन्द्रिं अर्गे हें चें र नहें ब गवर व्या है। चें २००० ग शह्या अक्ष भना ती. का अराती. का में बाबी बा अहार तर्हार रट. येवाशक्ताकी जनावाल्यानार्स् जा प्रान्य न्य की सूट. चन र र र्सु : द्वेत्र : ते दे : र्नेत : यु: र्त्तु : यु: प्राप्त : यु: प ૢૢૢૢ૽ૡઃ,ૡ૽૽૽૽ઽ૽ૼૼ૱ૡૢ૽૽ૼૣૼૼઌૹૻ૱૱ૡ૿ૹ૾ૹ૾૽ૢૻૼઌૣઽ૾૱ૢૢ૾ૢ૽૱ व्या इ.स.स.रे. दे प्रमायसारी स्वाया मार्सेर क्षामा वर्षास क्यामु वस्य में विषय । व्यक्ति में विषय । विषय ज्येत्रीताः स्रूट प्रदर्शीर्ट्य ता यहर श्रामा कर् र सामा राष्ट्री नन्दः हेंद्रावन्यीयश्चार्क्षेत्रे देन्त्यः मुद्रावर्ष्याग्रीयां कश्रक्ः आर्यः भ्रमान्दरः नण्या श्रेश्यः ग्रीः देवः यः वदः तर्गेः सः लुक्ष्रे, जैर. ४८'जनत यहर विगी जना प्रगीतामाता रूप ही. দ্যন্থরের ব্রী. র্যান্রর্থরের ক্রিয়ার্যের শ্রীরেরার্থরের न्तुरायेद्राधरः वर्गाराळवाग्रीयो मेवः यराधनः स्ट क्षेप्टः विवादास्या में अर्थात्या स्वाद्या स्वाद्या स्वादा स र्धेर के मेर ५ में र्ख्याय बेर व्यक्ति है।

### MB0038-01: Bumdeling Wildlife Sanctuary

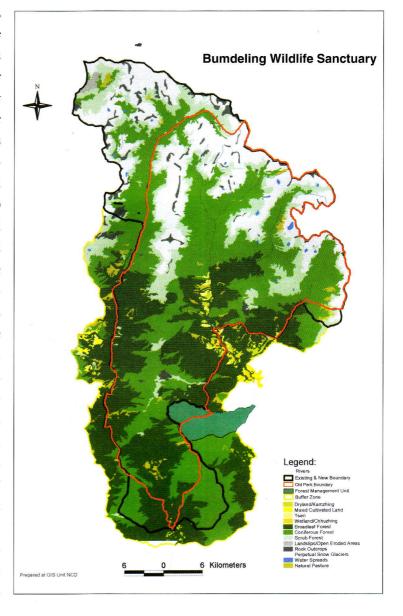
Located in north-eastern Bhutan, and gazetted a protected area in 1994, Bumdeling Wildlife Sanctuary protects important Himalayan temperate ecosystems in pristine condition. Ranging from 1,400 to 6,000 meters, it includes habitat for several major predators including tiger (*Panthera tigris*), snow leopard (*Uncia uncia*), and wild dog (*Cuon alpinus*), and the Bumdeling valley is one of Bhutan's two main wintering sites for the blacknecked crane (*Grus nigricollis*).

In early 2002, the trust fund awarded a two-year grant of \$188,759 to complement external assistance the park receives from Denmark.

Through the trust fund's support, several conservation objectives will be addressed: (i) boundary expansion in the northwest will include habitat for snow leopard and blue sheep (Pseudouis nayaur), and Singye Dzong, a major of cultural and religious significance; expansion in the southeast will increase habitat for tiger and at least two endangered (or threatened) bird species, the rufous-necked hornbill (Aceros nepalensis) chestnut-breasted partridge (Arborophilia mandellii). The establishment of two guard posts and a warden post will ensure these regions are adequately monitored and protected. (ii) The park's core northern zone will be protected through the establishment of a permanent guard post there, particularly as the sub-alpine and alpine regions harbor snow leopard, blue sheep, musk deer (Moshcus chrysogaster), and the highly threatened medicinal plant, Cordyceps sinensis. (iii) Eco-tourism will be promoted in the Bumdeling valley and along the historic Dhongla trail, requiring a

warden post at Bumdeling and a guard post at Dhongla to serve as resource centers for visitors to these areas. (iv) A visitor center located at park headquarters will build public awareness of the park's conservation significance, and serve to educate visitors of the region's natural heritage.

During the year, \$68,866 was spent on the construction of the visitor center which was completed in April 2002. In a major development, the park boundary was expanded in the northwest and southeast by 245 square kilometers, bringing the total park area to 1,545 square kilometers, thereby making it Bhutan's second largest protected area after Jigme Dorji National Park.



### र.सूंद्र.सूंग्यानारमाग्री. जया.ज्य.यावनासंट मा

র্মুম্বান্য হল্য অব্যান্তর শ্রী: কুট্র প্রাহ্ম প্রহার প্রহার প্রহার প্রহার প্রহার প্রহার প্রহার প্রহার প্রহার प्टर अ.मी. कू अ.क्ष ४.झ.मिश्र अ.रेट. भाव ४.५ मी.मीय.सूर. ही. क्षवाशुः देवाथा पालाका है त्या र, ४,५,०,० वद वर्शे नहर व्या শ্রু'র্মি',<sub>৫৫০</sub> অম' র্মুম্ম'রম'র্মু', অম'রম' রের্মী'রর্ম্বস্ম' હુવજા.નય.જ્રેર. તહુ. ટુગ.ઝૂંટ.તો.નય. ઝૂંટ. ટુગ.<sup>૩</sup> ત.જ્વ. ૹૄ્ર્-ટ્રેન્ની. મૈજા.ભૂષ્ટ શ્વાપુત્રાનું સુત્રા.જજા. જેવાં જાંગું. ફ્રેયા.જજા. ફ્રૅષ્ટ. पषु वर अवय प्रमुर ग्री श्रुव र्सेर अभ जीवा में र प्रमुख शुःर्रेब सः संस्थानक्ष्य रे सूर १३३,२८० वर तर्शे यरेट र्या। जनाय चीराजना रूषा ग्री र्षु ग्रीमाना त्रीया मेर्ट्र मेर र र्भून र्द्भेद कुं प्रका धेमान्दर यमानेन में राज्येया महर दे ने त्रना श्रुमाद्रमें तर्सु त्या अवता त्राविताम् नाम नाम नाम नि रुष.की.मूर. नर्र. मिष.षु.रर. जनाय गीजाजगाज़ष.की.भैयना त्यः र्यायक्ष्रयाण्येः वियार्धिरार्घ्यायवितायवयास्यः स्रितास्त्र ষ্ট্রী, ষ্রবর্মানাম্বর্ম মর্কুরা বের্ম রেম্বর্মার্ম রেম্বর্মার্ম বিশ্বর্মার প্রমান্তর্ম त्यन् ध्री अवत् अह्मा शः देन-दर्भन् अवशः क्षेत्र त्यन् क्षेन्रः त्रविषम्रानः ग्रीग्रान्यस्यात्यानहेत्रान्ने सहरात्रविषान्वतःशीः ग्रीनः पर्यमःसूत्राचिरःस्राल्ट्राभान्। लटः (प्र) भवतः प्रत्यूरःग्रीःभेना ર્ષેત્ર'ને' ગાલે'ર્રે અ'ર્સેન'શ્વાંતે' &ે અ'ર્જન'ફ્રાયંઅઅ'ન્દ' & ગાં ક્ષેવા त्यन् र्क्ष्ण्यार्भेन्यान् (त्य) र्र्युनान्येदान् रात्रकरामितास्या क्षे ने यथा चन्मा क्रें र मार्ख् दे नेंब्राख र र चिव्रवाम्बर्यास्टर १ अर्थः सुरः मी से साम्बरः पारः द्वाः स्वरः प्रदेशः वर्षः । वर्षः । वर्षः । मि रमानेबर में बेरान्नयानमा ने कुर्यान्यमाने मिने हैं न मुै। आर्थे क अप्तर त्र से स्थाया मृहम् अप्तुः प्रभे देया र्क्ष स्वर्धे प्रमें प्रभीत ययर्श्चायुः म्यायायाया अधरायित्या मुः हे हिमाया मुद्दार समाया উবা, র্ট্রাবান মে:র্ট্র্র্বি, খ্রাস্ক্র, বীকা, ব্রমক্রমানু, র্র্ম্র্র্বি, খ্রমানুর মা न्दः प्यत्रः क्रनः शुः प्यत्रः सेदः त्रवनः द्वेतः न्रेग्रानान्तः त्रवनः भ्राने क्षित मना बेर विदि क्षित्।

रट.मधुष्याव्यक्षास्त्रट्यास्त्रट.मुन्यामुन्त्रीत्।

बर्ट तर्ची. जु.ट्. चषुष्ट, मुंचाका म्याचा तका ली. कुका पूर्त म यार्थर प्राप्त का वाल्यां तका की स्वाक्ष्य का की स्वाक्ष्य की स्वाक्ष् मृ्च्यायाः चैटः वेचा। कृयायाः चैतः विवाद्यः विवाद्यः विवाद्यः विवाद्ययाः विवाद्यः विवाद्ययाः विवाद्यः विवादः विवाद

क्रेश्वार्याने दे : स्मानकायाः मुयाग्विदः रदः निवदःग्वद्यास्मद्रशः र्जिट भूष्टियाक्ष्या अ. इति भूष्टि प्रध्य क्षारी, अर्ट कुष यागूर ষ্ট্র মাঝাট্রী বেইপাস্থামাপ্রমন্ত বল্লীপাবেইমাপাবেবই ই नम्भरन्त्रे त्यन् पेर्न्यन् अर्ने के बन्ने निर्देशका बन्द अ **~** ૄઽ૽ૼઌ૾ઌ૽૽૱ૡ૾ૢઌ૽ઌ૱૱ૹૡઽઌૹૠ૾ૢૼૡ૽૽ૢ૿૾ૹ૾ૢઽ૽૽ઌ૾ૢ૾ૹ૽૽ઽ૽૱ઌ૽૽ भूर-र्क्, व्रैव-भ्रा-भ्रेन-र्केन्टर- गर्बर-र्न-अन् बयायने नन्य व्रैव-য়ৢড়৾৽ বর্থয়য়৽ড়৾৽ড়৾ঽ৾৻৴৽ঢ়৾৾ঽ৸ড়ৢঀ৾৽ ঢ়৾ৼ৵৻৾য়য়ৄয়৵৽ঢ়ৢ৾৽ पर्वश्व. ३,४४५ जी. तर अट. शूट. शुष्ट, यट. जश. हूँ वे. तन् के क न्र के हे १०० दे १०० क्रिन सुन क्र १००० के न क्षेत्र। जनायेदान्द्रसम्बद्धनः ग्री जनार्यसम्दर्भाग्वेना मुल यर्षिट. रट.यर्षुष.याष यासेट यासेट सुर्येत.सुर्यायानुतारा ४ वया র্মুদ 'দী'অঝ' ইঅ'গ্রী' দি'শর' শ্রে' ২দ 'দলির' দার ঝ'শ্বদ ঝ'অঝ' म्बर्मियं प्रमर्शि यमामब्रियः प्रम्यः भेराक्ः क्रूरः प्रमेणः तवन दे ते देव से वस्ता सारा र र निव न वस सर र ने के पर मुर्ग कें भे के के की रर ने बेद मद्दर मुर्ग कें ૹૢૣૼૣૢૣઌ૱ૢ૽ૢ૽ૢૼૡૢ૽૾ઌઌ૽૱ૹૣ૽૽૿ૢ૽ૢૢૻૣૻૣૣૣૣ૱૾ૣઌૺ૱ૢૢ૽ૢૡ૾ૢ૽૽૱ઌ૱ૢૡૣૼ૾ www.rspn-bhutan.org. গ্রন্থিক রেইনর্ক্রাকা

# युर र्र्भुव ठव ग्री कार्यर कर्ड दे र्द्द त्य के र्र्भूवक र्ग्रह त्रक्ष

द्रश्चा प्राचित्त क्षेत्र क्ष्रीय क्ष



MB0039-01: Strengthening forest fire management

For the past two decades, forest fires have been a major environmental hazard, particularly in the dry winter months. As these fires are often man-made, a priority for the government has been to strengthen institutional capability to mitigate and prevent large-scale fires. In late 2001, the trust fund awarded a 15-month grant of \$210,000 to the Department of Forestry Services to educate the public about fire as an environmental hazard, train forestry staff in effective fire control technologies, and improve the regulatory structure to use fire as a conservation management tool. During the year, the grantee expended \$28,755 to train three staff in Australia, impart on-site training in Thailand to four staff, procure basic field and communication equipment for central and district staff, and develop and distribute throughout Bhutan training manuals and community education materials. An important project impact will be assessed by the reduced incidences of forest fires throughout the country and total forest cover protected.

# IMPLEMENTATION STATUS OF ONGOING GRANTS

# MB0008-98: Environmental education at the lower primary level

In the final year of grant implementation, \$8,511 was expended during the year by the Department of

Education's Curriculum and Professional Support Section. Since the grant began in 1997, a total of \$133,289 has been expended in developing an environmental studies framework in Dzongkha, throughout the national education system from pre-primary through Class III. Project activities have focused primarily on developing teaching manuals, text books, training teachers in conceptual environmental issues and revising teaching methodology based on frequent evaluations during the lifetime of the project. At conclusion, an impact assessment revealed that the grant successfully (a) integrated environmental education into the primary school curriculum, (b) promoted conservation education for teachers, planners and administrators, and (c) developed basic teaching materials and resource books on Bhutan's natural heritage and conservation issues. An important indicator of success is the grantee's intent to scale-up interventions above class III.

# MB0009-99: Institutional support to Royal Support for the Protection of Nature

In spite of limited fundraising opportunities, Bhutan's only environmental non-government organization, the Royal Society for the Protection of Nature (RSPN), continued to increase its membership and raise funds for both conservation projects and the \$1 million endowment established in the previous year (see MB0036-01 above). During the year, RSPN used \$46,896 of the four-year grant on

ર્યા ત્રિયા ક્રેર . પ્રીયુ. ફ્રેર . નર્- ર. શે. ટ્રીય. છે. ત્રુ. હોય. ક્રેર . બે. યુ. હ્રાય! અજ્ઞા ના ત્રું તે . હ્રું ત્રું ત્રું ત્રા જો અજ્ઞા ક્રેસ્ટ્ર ના જા. શે. ક્રેય . હો. ક્રેય . હ્રું હ્રા જા. ત્રા ત્રું ત્રું હ્રું હ્ર

जयायग्या जगाजेदाग्री सेंट्र्ये ख्यानदादादर भेषारयाहे. ८८५,००० यम पुलेशेने यू १२०,७८५ यम येत यहन र्षेन् क्षे ने प्यटः (३) र्क्षेन र्सेट सेथायट दट र्थः रट निवेद त्वर् भेर्रर् रर रर विव सवत त्वर् र ग्रद्भ भी ૡૺ૱ઌ૽ૻૼ૱ૡ૽૱ૡૹૢૼઌૹ૽ૢ૿૽ૢૼ૱ઌૣ૽૾ૢૹ૾ૢૼૼૼૼૼૼ૱ઌૹૣ૱ઌ૱ૢૼૹૢ૱ २८ । (२) २८ :चब्रिंगविकासूट वाणुः स्र्रें :यवा ब्रेचायर्क्स त्यर् दे र्स् , लर रें बे प्रमुं में कितालूर साबें साइसावर जी २८:चेष्ठ,पहुरु, भेर.की. चेष्टर, मुर्च, स्वाप्तकर. क्ष्मभभ नर्जे दे दे देव था बद तर्जे नम्द से प्रमाद देशम्ब नर्यान् ग्रेंग्यार्यासान्द्राने भेरारम्डे संहरिस्सून योषु वरः क्षत्रमामा रश्रम्भाम्भाम्भामी ह्रीर नर्म ग्रीहेग जन वर्षेत्राकुजनम्बरम् स्वरात्त्रः जुनाक्र्यूं में भ्रेर्यान्ट्रः स् रटः रटःचविदागद्यास्ट्रह्मरा सुटःस्त्रीचःग्रीःस्त्रेरःयया येगाया म् र.च.र्ट. श्रुॅच.स्वा.बाक्षेत्राका.र.ब्राचा क्ष.क्ष.र्या.ब्रा.ब्रीचा पर्कुल कर.गी.इबा.चनर. लूर.क्ष.क्ष.ती क्षररील.की. भीय.धुर. वगर्वे छोत्।

यार्न् अह्याम्बर्धः अर म्ब्राइमा अस्यास्त्रम् अस्य स्वास्त्रम् स्वस्त्रम् स्वास्त्रम् स्वास्त्रम् स्वास्त्रम् स्वास्त्रम्यस्यस्य स्वस्त्रम् स्वास्त्रम्यस्यस्यस्यस्यस्यस्यस्यस्यस्यस्य

स्वां त्रोत्रायमार्स्या क्षेत्राचुर स्वार्या स्वार्य स्वार्या स्वार्य स्व

जन्म निर्मा अस्ति । विष्यु क्षेत्र विषयु क्या विषयु क्षेत्र विषयु क्षेत्र विषयु क्षेत्र विषयु क्षेत्र विषयु विषयु क्षेत्र विषयु विषय

क्रेट:ब**र**'द्रश्री र्बुद की अन्न मर्पेग्नर १००७ मन्नर चर्डम्न प्रस्तर देवे हैं देवे छ न्द्रभः क्षेत्र स्वाप्ता में भूरः ग,८३५,१०० ह्यूर् के दे प्राटः मिर्वर में रर मिर्वर मिर्श स्ट्रिस सिर्मेर अपहें दे सिर्मेर अप रे अपी ર્ફેન્ડ, કે.શ.તશ.જૂરે.તપુર, તથાયોજાયા "૯૫ છુ. ધાંસુર. यः गहर देवे रेद्र यः छोदा गृब्द गी. १ असा सूर यस देस n' অঝ'লম'ব্ম'ঝ্রিবঝ'লু'ৡ৾য়ৢঝ'য়ৄয়' অম'বুল'মই 'য়য়য়য়' ট্রী. ষমক্রেনুকার্ট্রমন্ত্রমন্ত্রমান্তম্বর্ট্রম্কার্মন্তমান্তম্বর্ त्र ने में में में में भारत यस में प्रमान हैं त्युं न्द्र या में मान निर्मा નવ. ટું.નન. ત્રાંતવર.નવું.નાથેયા.મી.વર્શનાર્થે.ટીવેજાજા. ૹૄઽૺ. ૮૪ૢ૧ૹ.ઌૹઌૣ૽૽૾ૢ૾ૺ. ઌઽ.ૹૢઽ૾૾ઌૢ૽ૺ.ઌૹૹૹૻ૽ઽૹ.૮૮.ૡઌ૿ૢઌ. ট্র: অবা:অর:ব্রু:ভ্র-বের্নু:ভ্র্:অেম:বাচ্ম আরা স্:ই-জ: ব্রুবাকা: रथालया लेब तहन हैं। लाई निवास में साम विवाद में तर्ते ते तर अन्द्भार्य हैं अरा है जूर २३ ४,००७ वर तर्गे यहर व्या

इया जया देश वी स्वाप्त स्वाप्

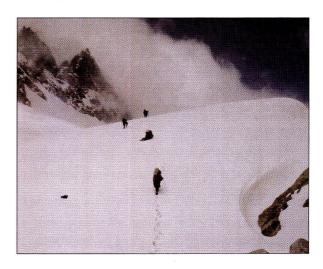
core institutional costs for eleven full-time staff. The BTF grant was used to leverage project support from other donors, including the successful mobilization for Thimphu municipality of five garbage disposal trucks from Japan, coordinating the International Orchid Workshop with the government in April 2002, implementing extension activities under the European Union-financed Wang Watershed Management Program, and training local users on Pico micro-hydro technology. Conservation advocacy remains RSPN's primary focus, and several education activities implemented by both volunteers and staff, including the national network of nature clubs, helped RSPN promote its conservation mission.

RSPN's governance was reconstituted with a new nine-member board of directors in place. Board members include private sector, government and donor representatives, who provide policy guidance and assist in fundraising. Overall membership has been increased to 3,225 members, which include seven guardians, 104 individuals and 3,114 students. An ongoing initiative is to establish a nature shop in Thimphu, marketing handicrafts produced from nature to benefit RSPN's conservation programs. More information is available at www.rspn-bhutan.org.

# MB0010-99: Human resources development for protected areas

In its fourth year of implementation, the grant expended \$326,911 to benefit primarily the Royal Government's six operational protected areas and the central Nature Conservation Division (NCD). Two professionals from NCD began Master's degrees in wildlife ecology at the University of Wisconsin-Madison, and natural resource management at Cornell University, USA. A park manager completed diploma-level training at the Natural Resource Institute in Greenwich, UK, and an undergraduate in environmental economics from George Mason University, USA. At least another 38

staff from various parks, the Nature Conservation Division and field forestry programs received specialized short-term training in wildlife and ecosystem management, bird censusing techniques, rapid rural appraisal, community forestry, and forest fire control. This grant is the training component of a matching project supporting incremental conservation positions (see MBoo16-oo above).



### MB0013-00: Environmental research and building capacity for natural resources management at Sherubtse College

In its third year of implementation, Sherubtse College expended \$127,645 of a four-year grant of \$445,000 to (i) build institutional capability for academic research in natural resources and the environment, and (ii) promote environmental research for informed decision-making on resource management issues at the national level. Specifically, the grant will establish five Bhutanese faculty positions at Sherubtse College through specialized Master of Science training, and finance small-scale scientific research on conservation issues by both students and faculty members.

During the year, three future lecturers continued graduate studies in botany and zoology at the University of Edinburgh, Scotland and the University of New England, Australia, while two individuals began MSc-level studies in geography and soil sciences at the University of Maryland and

ववाश्वर्षा प्रह्में द्र्युं स्वर्द्धः वी रटः चिवेदः वादशस्ट्राः य

प्तम्य विश्व स्वर्मा क्षेत्र प्रमुद्ध स्वर्मा क्षेत्र प्रमुद्ध प्

इसाई, लाट. शहेबी. यर्स. सुरी, ये व्यक्त. सुरा की वार्या सहिया. यही वार्या स्थानी स्थान सहिया. यही वार्या स्थान सुरी, सुरा प्रमान सुरी, सुरा सुरा सुरी, सुरा प्रमान सुरी, सुरा प्रमान सुरी, सुरा सुरा सुरी, सुरी, सुरा सुरी, सुरी

मुराय्येत्। मुराय्येत्रा

द्वे. ग्रुंच्यः च्यंच्यः अभ्यः अभः म्यः अभः मुद्दः च्यंचः व्यंच्यः प्रमः व्यंच्यः व्यंचः व्यंच्यः व्यंच्यः व्यंचः व्यंच्यः व्यंचः व्यंच्यः व्यंच्यः व्यंच्यः व्यः व्यंच्यः व्यंच्यः व्यंचः व्यंच्यः व्यंचः व्यंच्यः व्यंचः व

Cornell University, USA, respectively. Sherubtse College also successfully completed 14 small-scale research projects, most of them conducted by students. Research findings were published by the college in 2002 under the title, *Environment and life support systems of the Bhutan Himalaya*, *Volume I*. In a sad development for his family and country, Thukten, who was training as a botanist in Australia, passed away a few weeks before completing his Master's degree.

# MB0016-00: Incremental staffing and recurrent costs of conservation

In 1999, the trust fund awarded \$1,435,101 to the Ministry of Finance to recruit 116 conservation staff, to complement the 165 individuals then employed in the government's environmental management programs. As the central component of a broad strategy to promote the institutional and human capacity of the government's conservation programs, this grant is financing the salaries, benefits, field allowances and minimum operational costs of specific incremental positions. In its fourth year of implementation, \$238,946 was expended during the year in all six protected areas, the Nature Conservation Division and the National Environment Commission. The government has committed to eventually absorb and regularise recurrent costs by the end of the grant period. Staff recruited through the grant are receiving specialized training through a complementing project (see MB0010-99 above).



# MB0020-00: Environmental monitoring of Forest Management Units

In its third year of implementation, the grant expended \$13,740. Environmental monitoring and regeneration surveys were carried out in 10 FMUs throughout the country, focusing on the ecologically-sensitive northern areas of the country. These FMUs are Haa East (in Haa dzongkhag), Dawathang (Bumthang), Karshong (Bumthang), Korila (Mongar), Zonglela (Paro), Chamgang (Thimphu), Gidakom (Thimphu-Paro), Khaling-Kharungla (Trashigang), Chendebji (Trongsa), and Wangdigang (Zhemgang). In addition, operational, physical and financial monitoring was conducted as prescribed in individual operational plans of all FMUs.

The grant will conclude in December 2002, ending a three-year collaboration with the government's forestry sector to (i) provide forestry planners and key field staff with both short-term and graduate-level training in environmental impact assessment, (ii) finance surveys on regeneration of principle tree species, and (iii) support the formulation of an environmental monitoring framework to promote best practices for silviculture, forest management and road construction within FMUs.

# MB0022-00: Human resources development at the National Environment Commission

In its second year of implementation, \$42,456 was expended in ongoing training in the United States for two staff members of the National Environment Commission secretariat. The individuals are pursuing MSc-level training in atmospheric science and aquatic biology at the University of Maryland and Southwest State University (Texas), respectively, in the United States. Their recurrent costs are financed under grant MB0016-00.

# हैं। के २००१ तथ हैं। के २००२ क्वं व हैं। इस क्वं है में क्वं प्राप्त में में में प्राप्त में में में प्राप्त में

क्षरः ग्रदश्यप्रः र्जे्ग्यश्यरक्षायेदः क्षा	र्जण्या	र्ग्येष स्थानित्यम्	र्थे मझूर बर पर्वे रियर
चेबा.लूपी चेबा.कूपी.जवा.विट यी * भ गोबु.दुषा.चोप बाकूपी.ती. रट. याबुष.चोप बा.केट बा.की.	paln-02/6	933,o2 <del>~</del>	4,499
অধ্যাদ্ৰ : না সূৰ্যাধ্য সমা ব. ক্ৰীন্য নাৰ্থ : স্থান : সূৰ্যাক ক্ৰীন্ত্ৰ নাৰ্থ ক্ৰীন্ত্ৰ নাৰ্থ ক্ৰীন্ত্ৰ নাৰ্থ কৰি ক্ৰীন্ত্ৰ নাৰ্থ কৰি ক্ৰ	P4/20-03/6	3 ≈ 1, up ~ ·	~ 6,4p6
कु.य. सुर. र्स्नेच सार्यर सार्ख की के सूच सार्यर तस्य। कु.य. सुर. र्स्नेच सार्यर सार्ख की के सूच सार्यर तस्य।	pn/n-03/6	9,હહર્,હવ9	23 6,P99
ययरे.यु जुन्नारमाङ्ग्रम् द्वार्य्यनम् । रट.यपुर्यं मुद्रेर.युंद्रम् मुट्रम् मुट्रम् मुर्येयायायायायर.युट्र र रट.यपुर्यं योष्ट्रम् मुट्रम् पुर्यं प्रतिहर्यं मुर्यं याय्यायायाययः ।	RR/N-03/16	~~u, <sub>000</sub>	9221,6eu
मून केंद्र केंद	ppln-03/6	9,~3u,909	२३५, <i>०</i> ८७
य क्षेत्रा, ब्रुच । येत्रायक्ष या बेय अ क्षेत्रा अ विश्व विश्व विश्व क्षेत्र विष्य क्षेत्र विश्व क्षेत्र विष्य क्षेत्र विष्य क्षेत्र विष्य क्षेत्र विष्य क्षेत्र विष्य क्	00/9-02/92	943,398	93,200
क्ष अस्ति अस्त्र स्टिन्स क्षेत्र स्टिन्स क्षेत्र क्	00/2-03/92	90€,000	૯ત્ર, ત્રપાહ
कु.र्ययर.लप्तर.र्ययर.सैया *	00/2-02/6	હ,હહ <i>ા</i>	3,92U
८. र्ह्युगाकुदायनेया प्रत्युगाकुदायनेया	3003	90,000	P,644
🦡 त्रमुण्लेशगाद्भेर्केणसम्य विनादर्केणर्मेणसम्स 🛊	09/2-4	3,3~3	3,339
क्रीजालूट अर्जुवीक्यवीकार्ज्य सुवालाकारलेखा १७७ . इ.सुट. रेब्री.रिवेर.क्री. क्षयं इचालाकारलकार्ज्य झर्जुव स्वरंप	09/2-02/92	u <i>v</i> , <sub>000</sub>	30,432
क्रीयाताट यार्सुयोक्षयोयात्रीक्ष्यायात्रीया १७२. क्रीयायाद्वर प्रस्तायात्रीक्ष्ययायात्रीयात्रीयात्रीयात्रीयात्रीयात्रीयात्रीयात्रीयात्रीयात्रीयात्रीयात्री	09/20-03/6	P3,40~	29,42R
, ३. १ मर्श्वेहिट म्बर स्टूट स्पृष्टी कं बर देना जेस जे से से हुँद नहरा संबंध होता मना	09/20-03/92	50,000	<i><b>36,043</b></i>
७८. क्वैत क्वेंट .य. नहीं या क्वा नाब्द : रूट :चिव : क्वेंट क्वेंच कें नाय हो।	09/20-03/92	≈u <sub>0,000</sub>	100,000
२५. यसावर ने क्रिन्स मुराकेंट त्यसेय महर दे। त्युगर्त्वे महर सर्द्या	09/4-03/6	50,000	<b>३७,</b> ०५३
१९. पर्वाभार्त्रक्षीर: रू.र्वाभार्योर:भ्रेचायर: त्रिक्चि:भ्रेर	03/9-03/92	944,DUR	७५,५७७
५०. वग्रथं से तहें व र्र्जूट र जन्द पर्वे दे। वग्रथं संवयक पर्वे व र्र्जूट र जन्द पर्वे दे।	09/92-03/U	3,0,000	<i><b>24,044</b></i>
१८. के हे/झेर हे वग्यक्त कं की क्षर है गालेस लेके के हुँद नहर	02/2-03/92	u <sub>0,000</sub>	90,440
র্মান্ত্রণ ব্যক্তিমান্ত্রন বা			۵,93 ه
<sub>৽৽৽</sub> ৽৽৻ৼয়ৢ৽ঢ়৾য়ৢ৾৽য়ঢ়ৢঀৼয়৽ৼয়ড়ৢঢ়য়ৣ৾ <sup>৽</sup> য়ৄ৾৾৽	300A	۵,920	

<sup>\*</sup> र्ये तदी तदः अह्मा नस् र्येन् भवे र्मेन्य राज्य अद्राय

### GRANTS EXPENDITURE DURING FISCAL 2001-2002

Title & Grantee	Duration	Grant \$	Annual Expenditure \$
1. Environmental education at the lower primary level,  Department of Education <sup>†</sup>	Jul 97-Jun 02	133,024	8,511
2. Institutional support,  Royal Society for Protection of Nature	Jul 98-Jun 03	321,594	46,896
3. Human resources development for protected areas, Royal Civil Service Commission	Jul 97-Jun 02	1,668,651	326,911
4. Environmental research and building capacity for NRM, Sherubtse College	Jul 99-Jun 03	445,000	127,645
5. Incremental staffing and recurrent costs of conservation, Ministry of Finance	Jul 99-Jun 03	1,435,101	238,946
6. Environmental monitoring of FMUs,  Dept of Forestry Services	Jan 00-Dec 02	182,319	13,740
7. Human resources development, National Environment Commission	Feb 00-Dec 03	174,000	42,256
B. Ecology of Bhutan Takin,  Tshewang R. Wangchuk <sup>†</sup>	Jul 00-Jun 02	6,667	3,125
9. Documentary film on trust fund,  Bhutan Communications	2002	10,000	9,688
10. Research grant to Bhutan Scouts Association <sup>†</sup>	Jul-Aug 01	3,342	3,331
11. MSc in plant taxonomy,  National Biodiversity Center	Jul 01-Dec 02	57,000	30,532
12. Royal Botanic Garden, Phase II,  National Biodiversity Center	Jul 01-Jun 03	93,804	21,529
13. MSc in freshwater fishery biology,  Ministry of Agriculture	Jul 01-Dec 03	80,000	1,013
14. Endowment Fund,  Royal Society for Protection of Nature	Jul 01-Dec 03	450,000	100,000
15. Capacity building of secretariat,  Bhutan Trust Fund	Aug 01-Jun 03	80,000	36,783
16. Support to Bumdeling Wildlife Sanctuary	Jan 02-Dec 03	188,759	68,866
17. Strengthening forest fire management,  Dept of Forestry Services	Dec 01-May 03	210,000	28,755
18. MSc in social/community forestry,  Dept of Forestry Services	Feb 02-Dec 03	50,000	14,587
19. Trust Fund wall calendars <sup>†</sup>	2002	4,124	4,124
	Total:	5,593,385	1,127,238

<sup>†</sup> Concluded during the year.

# हैं में २००१-२००२ स्व.के.इ.स.मूच. स.रटिता बारा पर्में वारा क्षेत्र थी

# इकाबेयराष्ट्रीयोश्वर्ययम्बेयायक्षेय्रीय अप्टर्स्य अप्टर्स्य याप्टर्य में ही क्रिये २००२ ही में ९ तह क्षेत्र ४० व्हे इक्ष महण्य प्रमें

- यहेब.कुबी

  ब्रियमीबिट.इ.क.ब्रिय-र्यट पहुब.कुब. यहेब.ब्रिय-र. क्रियमीह. प्यत् हे.क्. या ब्रह्मायके. लूट, क्रवट. करिट करिय के. रेयट पहुब. क्रियमीह. हे.लूट, क्रवट. करिट करियमीह. हे.लूट, क्रवट. क्रियमीह. हे.लूट, क्रवट. क्रियमीह. हे.लूट, क्रवट. क्रवट, क्रवट, क्रव्याचे क्रवट, क्रवट, क्रव्याचे क्रव्याचे क्रवट, क्रवच्याचे क्रवट, क्रवच्याचे क्रवट, क्रवच्याचे क्रवट, क्रवच्याचे क्रवट, क्रवच्याचे क्रवच्याचे
- ३. कुषामानुदाङ्गानेमान्या वहाँ का कुषामानुदाङ्गानामा

  - यमात्तर मार्च मोत्रा मात्तर मोत्रा तम् विद्या मोत्रा प्रमाप्तर क्षेत्र मार्च क्षेत्र क्षेत्
- અન્ત્રાં નિયાયના છે 'ન્ને' નિયાન નિયા કર્યા ત્રાહ્ય કર્યા કરા કર્યા કરા કર્યા કર

चे'चे'के'के'भे' इस्र'बेच'झें'विच'लस'र्रेगस्य क्त्र.चीय.चीड्स.पहूच.प्र्या.भी इ.स.चीय.चेट्स.सीया।

# AUDITORS' REPORT ON THE FINANCIAL STATEMENTS OF THE 'BHUTAN TRUST FUND FOR ENVIRONMENTAL CONSERVATION' (BTFEC) FOR THE YEAR ENDED 30 JUNE 2002.

- 1. The Royal Audit Authority of Bhutan has audited the attached Balance Sheet and Statement of Revenue and Expenditure of the 'Bhutan Trust Fund for Environmental Conservation' (BTFEC) for the year ended 30 June 2002, prepared for the activities in Bhutan and in case of the funds held by the Custodian in Philadelphia, on the basis of the information provided by them to the BTFEC Secretariat, Thimphu.
- 2. Based on the examination of the accounts and records made available and information and explanation provided, the Royal Audit Authority reports that in its opinion, the above mentioned Financial Statements of the BTFEC together with the notes on the accounts and accounting policies as set out in Schedule XV, fairly reflect the operating surplus of the said Trust Fund for the year ended 30 June 2002 and its state of affairs as on that date.

### 3. The RAA further reports that:

- 3.1 In its opinion, the project's disbursements were valid and supported by adequate documentation and were made in accordance with BTFEC's Administrative and Financial Guidelines, 1998.
- 3.2 To facilitate proper control over the movement of fund provided by the BTFEC for programme activities, implementing agencies concerned maintain separate Government Project Letter of Credit (GPLC) accounts.
- 3.3 Use, control and disposition of non-expendable equipment are in accordance with the Government rule.
- 3.4 In its opinion proper Books of Accounts have been kept as may be necessary so far as it appears from its examination of books and the above mentioned accounts are in agreement therewith.

(B.B.Chhetri)

Noted:

**Asstt. Auditor General** 

(Ugyen Wengchhuk Dy. Chief Auditor

# इसर्वे २००१-२००२ मे तेट प्रमन्दर पर्मे ब्रिंट मे मुख्यमञ्जून म

त्तुः के हें त्यरः (नशुः नशुः भ)

दॅट'यमग	र्गेरिया	3009-03	3000 <sup>-</sup> 09
मुन्द्रः वर्ष्यम् वर्षः वरः वर्षः वरः वर्षः वरः वरः वरः वरः वरः वरः वरः वरः वरः वर	9 N 2 N 3 N	az a, po ≈ (n, a < p, z a o) (e < , n ≈ a (p < z , z )p)	662,392 540,202 66,268 9,820,040
<b>बन्दर्श</b> स्वर्क्ष्णण स्वर्क्षणण स्वर्क्षणण स्वर्क्षणण	د ۲۰ ۱۱ ۲۰ ۱۷ ۲۰	<=,0,12 1,120,23 1023,681	62,33R 83R,926 9R2,92R
नञ्ज्या अन् नर्ने माणहन के के न्या कर न्या का न्या के	ر <sup>بن</sup> م <sup>بن</sup>	ข,ขะน १२,३२၉ <b>ภ,ะ<sub>0</sub>น,ข</b> ฦน	હ,≃રૂ ઽહ,૨૫૫ <b>૧,૨૨હ,૨૫૦</b>
র্জু বেই প্রহানী, বের্জু পূর্বা ক্রি বেশন ক্রি প্রবিশ্ব কর্ম ক্রি প্রবিশ্ব কর্ম ক্রি প্রবিশ্ব কর্ম কর্ম কর্ম কর্ম কর্ম কর্ম কর্ম কর্ম	भूगा प्यें ५ जि	(3,3 \ \     \ \ \ \ \ \ \ \ \ \	299,≃30 P,9≈≈,P04 <b>P,4ul5,334</b>

# **Statement of Revenue and Expenditure for Fiscal 2001-02** US\$ (Rounded)

	Schedule	2001-02	2000-01
REVENUE			
Interest & Dividend	I	737,904	994,314
Net Capital Gain/(Loss) Realized	II	(1,789,270)	880,204
Miscellaneous	III	68,147	66,269
TOTAL REVENUE		(983,219)	1,940,787
EXPENDITURE			
Secretariat	IV	84,712	67,339
Program	V	1,127,238	929,146
Fund Management	VI	173,691	194,179
Depreciation on Fixed Assets	VII	7,745	9,438
Exchange Rate Adjustments	VIII	12,329	29,255
TOTAL EXPENDITURE		1,405,715	1,229,357
Excess of revenue over expenditure for the year	•	(2,388,934)	711,430
Accumulated excess of revenue brought forward		9,856,338	9,144,908
Accumulated excess of revenue carried forward	d	7,467,404	9,856,338

Chairman Management Board Director Secretariat Auditor Royal Audit Authority



# ब्री म् २००७ ब्री में तन प्रमुख क ३० क्षेत्र की कि सूव इस मूनी

ली.का.का.च्या (यर्के.यर्के.स)

	र्गे देश	2009-02	2000-09
चर्नेग'गहर			
<b>५</b> 'क्षें दे' र्व्यर्ने गं गारु ५।			
यम्'सर-'दर- तचुमामि'न्द्यायर-दर-व्य-प्रते-प्रते-प्रदेश	p 4.	90°,uuu	26,292
दर्जु-रश्चन'श्च-दर् र्ह्ननर्श्चेन।	90 N.	4,00u	6,906
અન્દ્રયાં શું ત્રદેવ ર્સુંદ ન્દ   રદ ત્રવેવ શું સુદ	99 N	P2,P21	p2,60e
दच्चा गृबुट को. यर्ग र्ययः विता स्त्रिक अ. स. स्ट्या	92 N	3 pls, = 24	१९३,५५९
<b>ব</b> ্ৰিন্থি মৰ্নু শাস্ত্ৰ সমূহ		602,6up	३२८,५७१
ন্দ্ৰ- গ্ৰীৰ শ্ৰীদ ন্ত্ৰ নিৰ্			
र्धे्द्र-प्रेमें में के बेद- प्रकेश		(3,993)	(3,3)
क्वीयानीबिट रट नवुब सूर भ्रींच क्रें नाम स्वेद क्वींब भ्रींट सार्टिंग		(200,000)	-
५ॱऄॣ॔ऄॱॸऄॣ॔ॴज़ॸॖॸॱऄॱॳॱॸॖॴ	**	<b>३</b> ००,५८७	३२८,५८५
नङ्मुल अद् नर्देग गाहर -			
नञ्जुवा केर् नर्रेग गहर (दे य हैग)	a <sup>N</sup>	49,024	60,939
बाङात्पर्नेबार्श्चेन् देवार्गेम् र्ह्मण्	93 N	24,29P,420	30,00U,3 cp
नञ्जुष्य केद् नर्देश गाहद नर्देश बा		24,209,4e4	30,43u,=40
নৰ্বিশ্যাচন্-অৰ্থ্যুম্ব		24,009,000	39,960,025
बास्य प्रमा विकास विकास मार्थिक मार्यिक मार्थिक मार्थिक मार्थिक मार्थिक मार्थिक मार्यिक मार्थिक मार्यिक मार्यिक मार्थिक मार्यिक मार्थिक मार्यिक मार्			
ar स <sup>-</sup> र्जूजा रा न कर रही	ne si	29,303,600	39,303,6PO
র্ত্ত বেনন শ্রী শ্রুবা একা নকাকা ক দু শ্রেন্ কী		w,=\sw,=o=	p,446,334
अङ्ग्नरः गर्नेगाः वहेंगाः अन्द्यम्ब्रें अन्य		24,00g,0pe	39,960,024

### Balance Sheet as on 30 June 2002

US\$ (Rounded)

	Schedule	2001-02	2000-01
ASSETS			
Current Assets:			
Cash in Hand & Bank of Bhutan	IX	104,555	29,412
Receivables and Prepayments	$\boldsymbol{X}$	8,705	9,176
Accrued interest with Fund Management	XI	92,921	92,604
Unspent/spillover funds held by RGoB	XII	396,478	193,669
<b>Total Current Assets</b>		602,659	324,861
Less: Current Liabilities:			
Expenses Payable		(3,113)	(313)
RSPN Endowment Fund		(200,000)	
Net Current Assets		399,546	324,548
Fixed Assets:			
Fixed Assets (Net)	VII	51,728	60,131
Investment at cost	_ XIII	28,319,820	30,775,349
<b>Total Fixed Assets</b>		28,371,548	30,835,480
TOTAL ASSETS		28,771,094	31,160,028
CAPITAL & RESERVES	37717	21 202 (00	21 202 600
Capital Contributions	XIV	21,303,690	21,303,690
Accumulated excess of revenue		<u>7,467,404</u>	9,856,338
TOTAL CAPITAL & RESERVES		28,771,094	31,160,028

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### Schedule I.

### Investment Income Details (US\$ rounded)

A: Off	fshore Investment:		2001-02	2000-01
(i)	Interest Income		547,965	1,042,650
(ii)	Money Market Income		33,411	• .
(iii)	Govt. Obligation Income		166,161	-
( )	Less: Accrued Interest as of 30 June 200	0	-	(151,648)
	Add: Accrued Interest as of 30 June 200	1	-	92,604
	Less: Government Obligation Expenses		(112,731)	(64,892)
	Less: Interest Expense		(80,302)	(41,216)
	Net Interest Income during the	ne Year	554,504	877,498
(iv)	Dividend Income	120,089	103,590	
( )	Less: Dividend Expense		(19)	-
	_	ore Income	674,574	981,088
B: Lo	cal Investment:			
(i)	Interest Income from Ngultrum trading a	ccount	682	467
(ii)	Dividend Income		84,904	12,886
(iii)	Exchange gain	-	(22,192)	-
()	Less: Investment Expenses		(64)	(128)
	and the second s	cal Income	63,330	13,226
	Total Off-shore and Local In-	come (A+B)	737,904	994,314

### Schedule II.

### Capital Gain/(Loss) Realized (US\$ rounded)

		2001-02	2000-01
(i)	Total gross sales price of securities sold	37,272,269	21,745,399.65
(ii)	Less: Total cost basis of securities sold	(39,061,539)	(20,865,195.29)
()	Net gain/(loss) realized	(1,789,270)	880,204.36

### Schedule III.

Mis	cellaneous Income (US\$ rounded)	2001-02	2000-01
(i)	Mutual Fund Income	68,147	66,269
(.)	Net Miscellaneous Income realized	68,147	66,269



### Schedule IV.

### **Expenditure Statement of Secretariat for Fiscal 2001-02**

(US\$ rounded)

Expenditure Head		2001-02	2000-01
Recurrent:			
Personnel Emoluments		19,582	17,059
Other P. Emoluments		525	451
Travel		5,114	2,806
Utilities-Tele, fax, etc.		3,778	3,652
Utilities-Postage/Bank Charges		1,131	869
S & M - Stationery, Printing		3,397	3,694
S & M - Subscription to International Journals		1,040	1,706
S & M - Library		58	565
S & M - Printing of Annual Report		8,349	10,044
Maintenance of Building		-	187
Maintenance of Vehicle		4,182	3,648
Maintenance of Equipment		862	652
Operating Expenses - Transportation	-	145	-
Operating Expenses - Advertisement		2,883	2,811
Hospitality		4,624	5,897
PF-Employers Contribution		1,436	1,323
Gratuity	_	4,467	
	Sub-total	61,573	55,365
Implementation of Strategic Plan:			
Objective I		9,822	-
Objective II		-	4,454
Objective III		12,790	-
Objective IV	Ř.	527	-
Independent review of Fund Management	-	_	7,520
	Sub-total	23,139	11,974
	Total =	84,712	67,339

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### Schedule V.

### Program Expenditure (US\$ rounded)

	Grant Title	Grant No.	2001-02	2000-01
1	Env.education at lower primary level	MB0008-98	8,511	2,576
2	Institutional support to RSPN	MB0009-99	46,896	64,490
3	Human resources dev.for Protected Areas	MB0010-99	326,911	231,743
4	Env.research & building capacity for natural			
	resources mgmt.at Sherubtse College	MB0013-00	127,645	75,454
5	Incremental staffing and recurrent costs of			
	conservation in RGOB	MB0016-00	238,946	303,521
6	Incremental staffing and HRD for RSPN	MB0018-00	-	58,750
7	Env.monitoring of Forest Mgmt.Units	MB0020-00	13,740	76,297
8	Golden & Capped langurs in Bhutan	SC0021-00	_	998
9	HRD at National Environment Commission	MB0022-00	42,256	37,210
10	Rural Livelihoods	SC0024-00	_	5,961
11	Fuelwood Consumption in Bhutan	SC0025-00	-	8,348
12	Ecology of Bhutan Takin	SC0026-00	3,125	-
13	Support to Phibsoo Wildlife Sanctuary	MB0027-00		51,948
14	Trust Fund Wall Calendars (2001)	SC0028-00	-	4,289
15	Trust Fund Stamps	SC0030-00	-	7,559
	Documentary film on Trust Fund	MB0031-00	9,688	_
17	Research grant to Bhutan Scout Association	SC0032-01	3,331	-
18	Msc. in Plant Taxonomy	MB0033-01	30,532	-
19	Royal Botanic Garden, Phase II	MB0034-01	21,529	-
20	Msc. in freshwater fishery biology	MB0035-01	1,013	-
21	RSPN Endowment Fund	MB0036-01	100,000	_
22	Capacity building of BTF Secretariat	MB0037-01	36,783	_
23	Support to Bumdeling Wildlife Sanctuary	MB0038-01	68,866	-
24	Strengthening forest fire management	MB0039-01	28,755	
25	MSc. in Social/community forestry	MB0040-01	14,587	-
26	Trust Fund Wall Calendars (2002)	SC0041-02	4,124	-
		Total	1,127,238	929,146

### Schedule VI.

Fui	nd Management Expenditure (US\$ rounded)	2001-02	2000-01
1	Custodian Fees	11,909	13,418
2	Fund Mgmt. Fees	161,782	180,762
	Total of Fund Management Expenditure	173,691	194,179

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# Schedule VII.

# Depreciation Table for Fixed Assets

3 3	Gross Block as	Addition	Adjustments Gross Block	Gross Block		Depre	Depreciation		Net Block as	Net Block as
Particulars of Assets	on 1.7.01	during the Year	during the Year	as on 30.6.02 Upto 30.6.01	Upto 30.6.01	During the Year	Exchange Loss	As on 30.6.02	on 30.6.02	on 30.6.01
Equipment	58,165	1,232	ı	59,397	20,143	3,796	1,292	25,231	34,166	38,022
Furniture	14,107	148	1	14,255	4,403	952	328	5,683	8,572	9,704
Vehicle	23,024	1	ı	23,024	10,618	2,997	419	14,034	8,990	12,405
Total	95,296	1,380	•	96,676	35,165	7,745	2,039	44,948	51,728	60,131

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### Schedule VIII.

$\mathbf{E}\mathbf{x}$	change Rate Adjustments (US\$ rounded)	2001-02	2000-01
(i)	Arising from translating foreign		
	exchange transactions to account for		
	US\$	10,290	26,318
(ii)	Arising from translating fixed assets		
	recorded at historical cost into US\$		
	as on 30.6.02	2,039	2,937
	Total Exchange Loss	<u>12,329</u>	29,255

### Schedule IX.

Cash in Hand/Bank of Bhutan	Cash in Hand/Bank of Bhutan 2001-		2000	-01
	Nu.	US\$	Nu.	US\$
(i) Cash in Hand/Petty Cash	5,975	123	45,951	980
(ii) Cash with Bank	722,337	14,887	1,005,493	21,448
(iii) Cash with Foreign Currency	4,344,711	89,545	327,390	6,984
Total	5,073,023	104,555	1,378,834	29,412

### Schedule X

Receivables and Prepayments	2001-02		2000-0	1
	Nu.	<u>US\$</u>	Nu.	US\$
(i) Royal Society for the Protection of				
Nature	10,259	211	25,716	548
(ii) Ecology of Bhutan Takin	-	-	150,000	3,200
(iii) Trust Fund documentary film	-	=	232,500	4,959
(iv) Advance to Suppliers	* 12,000	247	7,000	149
(v) Advance to Employees	-	-	14,998	320
(vi) Advance to Others	400,124	8,247		
Total	422,383	8,705	430,214	9,176

### Schedule XI.

Accrued Int. on Investmt (US\$ rounded)	2001-02	2000-01
(i) US Government & Agencies	28,465	12,156
(ii) Mortgage Backed Securities	16,428	17,957
(iii) Asset Backed Securities	3,171	10,691
(iv) Corporate Bonds	44,857	51,800
Total Accrued Intere	est 92.921	92,604

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### Schedule XII

### Unspent/spillover funds held by RGoB

		200	1-02	2000-	-01
		Nu.	US\$	Nu.	US\$
(i)	Royal Manas National Park	642,089	13,234	1,302,945	27,793
(ii)	Department of Education	765,852	15,784	747,660	15,948
(iii)	Royal Civil Service Commission	4,224,864	87,075	2,199,987	46,928
(iv)	Phibsoo Wildlife Sanctuary	-	-	100,000	2,133
(v)	National Environment Commission	1,596,986	32,914	792,668	16,908
(vi)	Sherubtse College	2,202,537	45,394	639,204	13,635
(vii)	Planning & Policy Division, MoA	, <del>-</del>	_	102,022	2,176
(viii)	Ministry of Finance	890,678	18,357	3,313,978	70,164
(ix)	Dept. of Forestry Services, MoA	5,822,239	119,997	(94,560)	(2,017)
(x)	Bumdelling Wildlife Sanctuary	1,469,451	30,285	-	-
(xi)	National Bio-diversity Center,	1,622,388	33,438		_
	Total RGoB held funds	19,237,085	396,478	9,103,905	193,669

### Schedule XIII.

<b>BTF Portfolio</b> (US\$) as of 30.06.2002)	200	2001=02		2000-01		
Investment Category	<b>Book Value</b>	Market Value	Book Value	Market Value		
A: Foreign Investment:						
(i) Money Market	7,975,724	7,976,880	1,562,335	1,562,335		
(ii) Fixed Income	10,095,727	10,276,477	9,359,424	9,580,488		
(iii) US Equities (Large Cap.)	-	-	10,973,550	11,871,227		
(iv) US Equities (Small Cap.)	750,000	859,023	-	_		
(v) International Equities	8,627,282	7,528,794	8,627,282	8,341,520		
(vi) Accrued Interest		92,921		92,604		
<b>Total Off-shore Investment</b>	27,448,733	26,734,095	30,522,592	31,448,174		
B: Local Investment:						
(i) Royal Insurance Corpn. of Bhutan	86,521	76,051	89,854	78,981		
(ii) Penden Cement Authority Ltd.	109,077	108,458	113,279	102,397		
(iii) State Trading Corpn. of Bhutan Ltd	27,061	26,793	28,104	27,825		
(iv) Bhutan Calcium Carbide Ltd.	333	412	346	342		
(v) Bhutan National Bank	537,290	1,696,132	_	-		
(vi) US\$ Trading Account	12,503	12,503	14,753	14,753		
(vii) Ngultrum Trading Account	98,302	98,302	6,421	6,421		
Total Local Investment	871,087	2,018,651	252,757	230,720		
Total Investment portfolio	28,319,820	28,752,746	30,775,349	31,678,894		

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### Schedule XIV.

# Statement of Capital Contributions as on 30 June 2002 US\$(Rounded)

	The angular to be November 1	Balance as on A	ddition during	Total as on
SI. #	<b>Donors Agencies</b>	30 June 2001	the year	30 June 2002
1	The World Bank - GEF	10,000,000		10,000,000
2	World Wildlife Fund; Inc.	1,000,000	-	1,000,000
3	Government of Norway	2,688,435		2,688,435
4	Government of the Netherlands	2,454,500	- + - ·	2,454,500
5	Government of Finland	66,312	F	66,312
6	Government of Switzerland	2,586,207		2,586,207
7	Royal Government of Bhutan	173,818	ii 1 - 1	173,818
8	Government of Denmark	2,334,418		2,334,418
	Total Capital contribution	21,303,690	-	21,303,690

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Secretariat

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Royal Audit Authority

### 1 SIGNIFICANT ACCOUNTING POLICIES

### 1.1 Accounting Conventions:

These accounts are prepared on the basis of historical cost concept.

### 1.2 Recognition of Revenue and Expenditure:

### 1.2.1 Revenue and Expenditure:

Revenue and Expenditure are recognized on accrual basis except for leave encashment, Leave Travel Concession, and gratuity (refer notes 1.2.5 and 1.2.6 below).

### 1.2.2 Investment Income:

Income earned by 1838 Investment Advisors, Philadelphia, USA including accrued interest on investments and from local investments are recognized as revenue in the Revenue and Operating Expenditure on the basis of statements received from the above Fund Manager.

### 1.2.3 Capital Gain/(Losses):

Realized Capital Gains/(Losses) arising on the actual sale of securities are recognized as revenue/expenses in the Statement of Revenue and Operating Expenditure.

### 1.2.4 Fund Management and Custodial Fees:

Fund Management and Custodial Fees are charged at predetermined rates provided in the Memorandum of Understanding between the Bhutan Trust Fund for Environmental Conservation and the Fund Manager and the Custodian.

### 1.2.5 Leave Travel Concession & Leave Encashment:

Leave Travel Concession and Leave encashment are recognized on cash basis.

### 1.2.6 Gratuity:

Gratuity is recognized on cash basis as and when employees leave the organization.



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1.2.7 Depreciation:

Depreciation on the fixed assets owned by the Bhutan Trust Fund for Environmental Conservation are charged under the reduced balance method at the rates indicated below.

Assets	Annual Rate of Depreciation
Vehicle	25%
Furniture & Equipment	10%
Buildings	3%

In respect of assets procured during the year full depreciation is provided in the year of acquisition and for the assets sold, no depreciation is charged in the year of disposal.

### 1.3 Fixed Assets:

Fixed Assets owned by the Bhutan Trust Fund for Environmental Conservation are stated at the original cost including incidental expenses related to acquisition, less accumulated depreciation.

### 1.4 Investment:

Investments in the securities and money market instruments are stated at cost. For this purpose, aggregate cost of total portfolio has been considered.

1.5 Program Expenditure:

Fixed Assets under program expenditure are not the properties of the Bhutan Trust Fund for Environmental Conservation. As decided by the Management Board at its sixth meeting held on 9 September 1998, all program expenditure, whether capital or recurrent are charged to the Revenue and Expenditure Statement in the year incurred.

1.6 Consumable items including spares, etc. are charged off in the accounts in the year of purchase.

### 1.7 Conversion/Translation of Currency:

- 1.7.1 Investment in local equities in local currency has been translated into US\$ using the Bank of Bhutan's year-end exchange rate.
- 1.7.2 Amounts withdrawn from 1838 Investment Advisors, Philadelphia, USA, in US\$ are translated into local currency on Telegraphic Transfer rates of the Royal Monetary Authority of Bhutan at the rate prevailing at the time of withdrawal.
- 1.7.3 All Secretariat transactions and program payments in local currency are translated into US\$ using Bank of Bhutan's exchange rate on the date of payment. Year-end fund balances in the local currency are translated into US\$ at Bank of Bhutan's prevailing year-end exchange rate.



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- 1.7.4 Exchange Gain/Loss arising from translation of Local currency to US\$ are recognized in the Statement of Revenue and Operating expenses as revenue/expenses accordingly.
- 1.7.5 Net book value of fixed assets (at the year-end) recorded in local currency are translated to US\$ using year-end exchange rate and the differences are recognized as gain/(loss) in the Revenue and Expenditure Statement.

### 2 NOTES TO THE ACCOUNTS:

- 2.1 Interest Income is the net of Government Obligation Expense of US\$112,731 (US\$64,892 for FY2000-01) on US Government Treasury Notes/Bonds and interest expense of US\$80,302 (US\$41,216 for FY2000-01) on other securities, being accrued interest on the dates of acquisition paid to the previous holders (refer Schedule 1).
- 2.2 Previous year's figures are re-grouped and re-arranged wherever necessary.
- 2.3 The figures are rounded up/down to the nearest dollar.
- 2.4 In the Revenue and Expenditure Statement, the term "Accumulated excess of revenue" replaces previous years' "Statement of Operating Fund". As decided by the Management Board at its eighth meeting held on 3 November 1999, the trust fund's principal is defined as the book value of the investment portfolio at the end of each financial year. In order to maintain the principal, accumulated excess of revenue is reinvested into the endowment. Annual spending ceiling is fixed at five percent of the trust fund's principal, within which all grant expenditures, secretariat overhead and investment management fees would be covered.
- 2.5 As per the Board's instruction to the Fund Manager vide letter No.F&A/10/01-02/109 of 14 November 2001, local equity investments in Bhutan are permitted up to 10 percent of the total investment portfolio, with asset allocation to be reviewed periodically by the Board.
- 2.6 The Schedules and Notes attached hereto form an integral part of these Financial Statements.



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### र्ग्रेग्यरमा पर्के या क्षेत्रं में यम सूत्

### <del>इ</del>ट्-देन

मृज्यश्चर्या तर्के व्यक्षे क्षेत्रा क्षेत्रम्य स्ट्रिक्य क्षेत्रम्य स्वाप्त स्वाप्त स्वाप्त स्वाप्त स्वाप्त स् त्री क्षेत्रप्त स्वाप्त स्वापत स्वाप्त स्वापत स्

- \* अप्रद्यप्रमें भन्ने ल्यास्यप्रमें भन्ने मन्दर्भ
- \* जन्न प्रचीन मुं में रहा यहुं या प्रकास का से हा माने में से मना माने से स्वास का माने से स्वास का माने से स
- \* तथायमीतायम् पश्चीयायप्ता तथाम् पदी. मा मा वर्णा योष था स्वी
- तकरान्द्रवार्केन्क्षेत्रान्दा नुवाध्यवागानेवाकेगामार्नेवाध्या वानद्वा
- \* ग्रेंगश्रास्क्रियां भ्राद्राः त्रेयानात्वनाःश्रा

### र्गेज्यार्यस्याचेत्रः वट्या

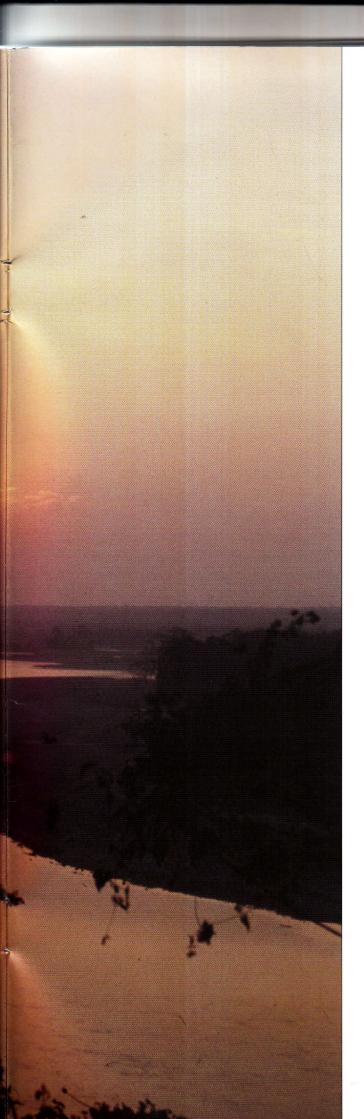
- क्रूबायक्टरायर्थ, श्रुव्हें, श्रीया यक्षेत्र, ब्रियाययर्थ, क्रुव्हें, व्याययाय्व,
   क्रूबायक्टरायर्थ, श्रुव्हें, श्रीयायक्टराय्व, व्याययाय्व,
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   ग्रॅंबा पर्वेग अरिश्य विद्यास्य में अरिश्य क्षेत्र क्
- \* अ.रे.ट.ज.व्री.स.ट. अ.व्रीय.क्री.स.च.च.र. ज्यायद्व. चेत. यहू स्थाय्ये. व्रीट. न्यूपेट.क्रू चेत्र.क्री.च. चेवश अर्थायः रंट. ज्यायद्व. चेता यहू सत्याव्ये. वर्षः स्थायत्वे चेत्र. क्राचीयः क्षी.स्थायत्वे.

### र्देश प्रमण उद्या

यर्चेग्राज्ञाचा र. ग्रुंग्राज्याचेर या. या.चर्यात्राच्याः क्ष्याः याच्याः स्विद्याः स्वर्षाः विद्याः स्वर्षाः व चीत्राचार्षेर. ग्रुंग्राज्याचेर या. या.चर्यात्राचीत्राच्याः प्राचीत्राच्याः प्राचीत्राच्याः या.चर्याः प्राचीत्र

- \* गूँट म्बेशन अन्ते रहें खं त्या बद मान दुं विन अ गूँया तक र खं द्वीरा खेत्र।
- \* मानुर मान्य स्त्रीत्र कार्स् प्रर मानुर स्त्रीत्र प्रकार कर्मित्र कार्स् मान्य मुक्ति कार्मे मानुर कार्स् मान्य मुक्ति कार्मे मानुर कार्स मानुर कार्स मानुर कार्स मानुर कार्स मानुर कार्स कार्मे कार्य कार
- अन्द्यसम्बद्धाः सम्बद्धाः सम्बद्धाः स्वत्यस्य सम्बद्धाः स्वत्यस्य सम्बद्धाः स्वत्यस्य सम्बद्धाः स्वद्धाः सम्बद्धाः सम्बद्धाः सम्बद्धाः सम्बद्धाः सम्बद्धाः सम्बद्ध
- श्र.सूट 'ब्रे.सट. सू.सूजु . गूँचीया रका पट्टी, जूर्चीयीया तथा चयी तड़ा कू ची
   श्र.सू.सूजु . गूँचीया रका का ने हिंता पट्टी, पूर्ता प्राथण व्यक्त तथा चयी तड़ि.
- ब्रिमायक्र्यम् न्यायम् द्वीयः प्रमास्य व्याप्तानाः व्यापताः वयापताः वयापत्यः वयापत्य





### GUIDELINES FOR GRANT SEEKERS

### Inquiry:

Grant seekers are advised to write a brief letter of inquiry to determine if the trust fund's present interests and funds permit consideration of the request. The letter should include:

- Purpose for which funds are being requested
- Environmental problems the project will address
- Information about the organization conducting the project
- Estimated budget and duration for which funds are requested
- Contact information of the grant seeker

### Grant cycle:

After receiving the letter, trust fund staff may ask the grant seeker to submit a formal proposal using prescribed application forms.

- Proposals must be submitted by the end of January and June, for review by the technical advisory panel
- Proposals must address one or more of the trust fund's strategic funding objectives
- Funding decisions will be made by the
   Management Board at its spring and fall meetings
- The fiscal year is 1 July through 30 June

### Eligibility:

Grassroots communities, local NGOs, Royal Government agencies and Bhutanese individuals are eligible for support.

- Proposals received directly from grassroots communities are desired
- When submitted by government and NGOs, proposals that enhance community involvement in conservation will be prioritized
- Co-financing is desired, but trust fund support should not displace other donor funding
- The size of individual grants should not exceed the Ngultrum equivalent of \$100,000, and individual grants should not exceed three years
- Discretionary research grants are available at the trust fund secretariat

### DESCRIPTION OF PHOTOGRAPHS AND CREDITS

Permission to use their pictures in this report is gratefully acknowledged to Thinley Namgyel, Tashi Wangchuk, Chukey Wangchuk and Tobgay S. Namgyal.

Front and back covers: Fir forest in Bumdeling Wildlife Sanctuary (Thinley Namgyel)

Inside cover: Prayer flags at Dochula, Thimphu (Thinley Namgyel)

Page 1: Tiger print in Royal Manas National Park (Tashi Wangchuk)

Page 2: Khoma river and gorge near Tsikhang, on the north-western boundary of Bumdeling Wildlife Sanctuary (*Thinley Namgyel*)

Page 3: Chairman's picture (Tobgay S. Namgyal)

Page 4: Confluence of the Mangde and Dangme rivers (Tashi Wangchuk)

Page 5: Director's picture (Chukey Wangohuk)

Page 7: Village meeting in Lunana, Jigme Dori National Park (Tashi Wangchuk)

Page 8: Wintering Black-necked cranes in Bumdeling valley, Bumdeling Wildlife Sanctuary (Thinley Namgyel)

Page 9: Wild water buffalo, Royal Manas National Park (Tashi Wangchuk)

Page 11: Moist mixed-conifer forest along upper Khoma valley, Bumdeling Wildlife Sanctuary (Thinley Namgyel)

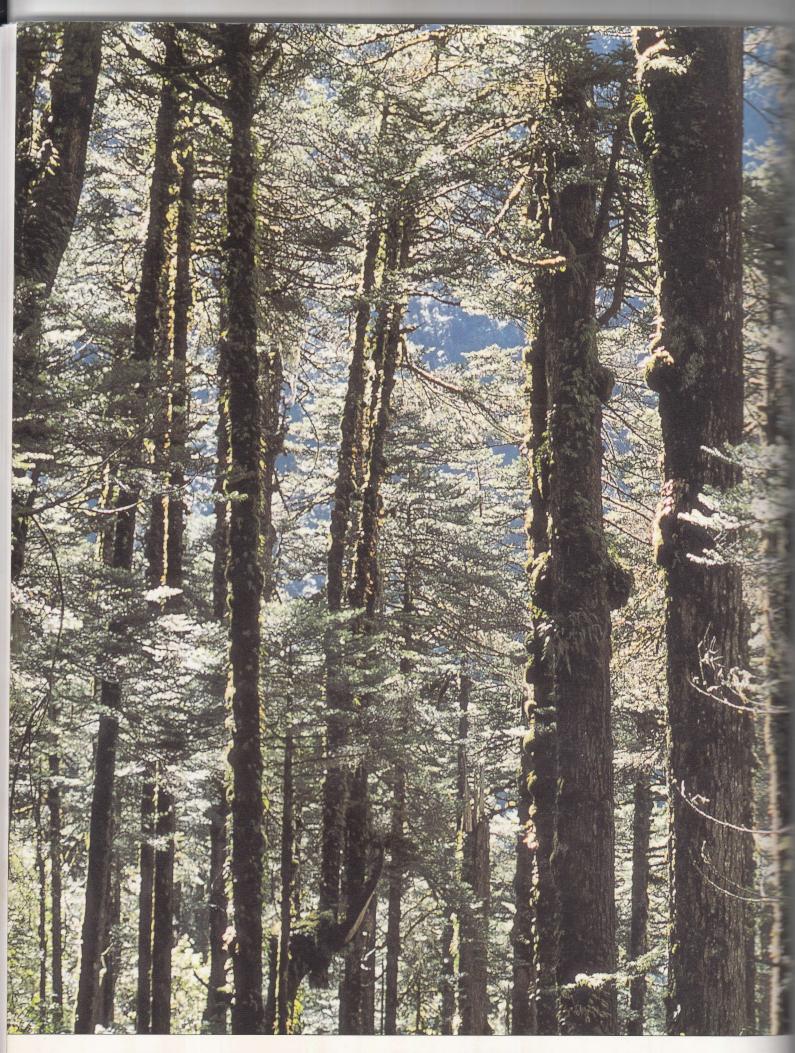
Page 15: Primary school children of Mon Jangbi village, Jigme Singye Wangchuck National Park (Tashi Wangchuk)

Page 17: Biological research team crossing Gangzurla into Lunana, Jigme Dorji National Park (Tashi Wangchuk)

Page 19: Biological monitoring on elephant back, Royal Manas National Park (Tashi Wangchuk)

Page 38-39: Sunset over the Manas river on the border of Bhutan's Royal Manas National Park and Manas Tiger Reserve, India (*Tashi Wangchuk*)

Inside back cover: Glacial valley of Singye Dzong at 3,700 meters (Thinley Namgyel)



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