Tables

Table S1 Landsat mission

Mission	Instruments	Repeat cycle	Bands number	Equatorial crossing time	Launch	End of imaging
Landsat 1	MSS[1], RBV[2]	18 days	4	9:30 a.m.±15 min	July 23,1972	January 6, 1978
Landsat 2	MSS, RBV	18 days	4	9:30 a.m.±15 min	January 22, 1975	February 25, 1982
Landsat 3	MSS, RBV	18 days	4	9:30 a.m.±15 min	March 5, 1978	March 31, 1983
Landsat 4	MSS, TM	16 days	7	9:45 a.m.±15 min	July 16, 1982	December 14,1993
Landsat 5	MSS, TM	16 days	7	9:45 a.m.±15 min	March 1, 1984	Ongoing
Landsat 6	ETM	16 days	8	10:00 a.m.±15 min	October 5, 1993	Failed to reach orbit
Landsat 7	ETM+[3]	16 days	8	10:00 a.m.±15 min	April 15, 1999	Ongoing
LDCM[4] (Landsat 8) OLI[5]	TIRS[6]	16 days	11	10:00 a.m.±15 min	February 11, 2013	Ongoing

Notes: 1. MSS-Multispectral Scanner; 2. RBV – Return Beam Vidicon; 3 scan-line corrector failure on May 31, 2003.4. LDCM-Landsat Data Continuity Mission; 5. OLI- Operational Land Imager; 6. TIR-Thermal Infrared Sensor.

Fig. S1. Photo taken on the same day in Menglun Township. A) Rubber trees still with green leaves. B) Rubber plantation already entered into late phase of leaf coloring and start of litterfall.

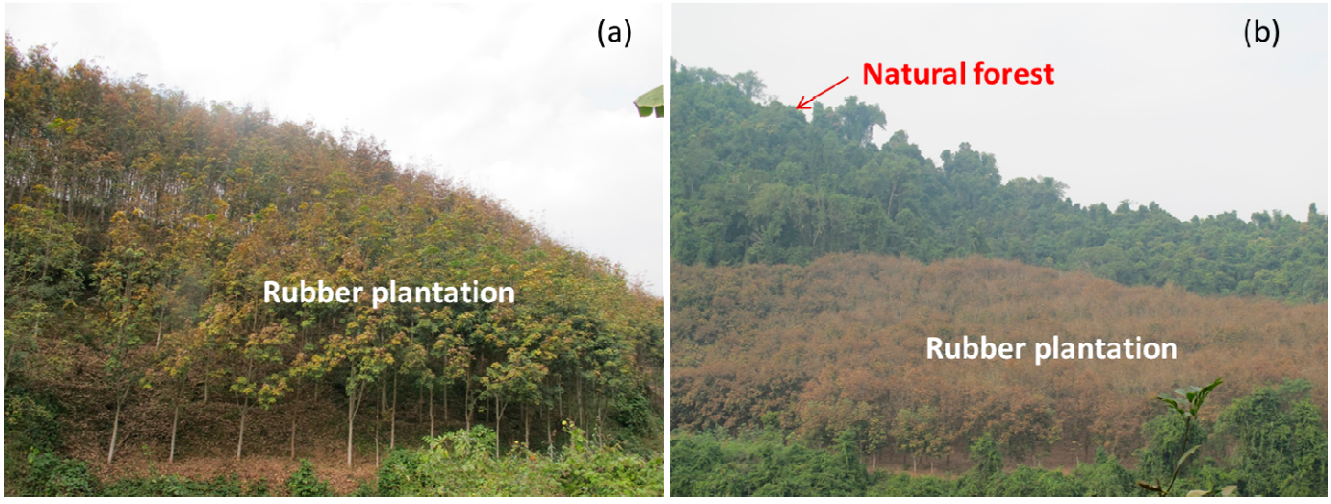

Fig. S2. Observed temporal changes of rubber plantation in Xishuangbanna by Google Earth with three satellite images (upper: November 6th, 2013; Middle: February 2nd, 2014; down: March 18th, 2014).