

Supplemental material for

“Grazing practices and pasture tenure in the Eastern Pamirs: The nexus of pasture use, pasture potential, and property rights”, by Kim André Vanselow, Tobias Kraudzun, and Cyrus Samimi, published in *Mountain Research and Development* 32(3), 2012.

Table S1: Phytomass, nutritive value, and energetic potential of the different vegetation classes.

Land cover class	Phytomass availability (kg/ha, median)								Nutritive value (MJ/kg dry matter)						Metabolizable energy (MJ/ha)		Area Ex. A		Area Ex. B	
	Summer				Winter				Summer				Winter		Summer	Winter	km ²	%	km ²	%
	HGg	HGw	DSg	DSw	HGg	HGw	DSg	DSw	HGg	HGw	DSg	DSw	HG	DS						
Degraded deserts	0–32	0	13–49	0–38	0	0–82	0–16	0–57	9.5	–	7.7	6	–	6	240–593	177–718	289	16	1	0
Dwarf shrub deserts	0–45	0–21	31–141	17–113	0–29	0–163	0–120	0–130	9.6	8.4	7.8	6.1	8.4	6.1	437–1594	416–1364	544	30	157	9
Teresken steppes	0–228	0–258	0–220	0–181	0–27	0–216	0–98	0–276	9.6	8.1	8.6	6.7	8	6.7	109–3604	233–2418	543	30	974	57
Wormwood steppes*	0–56	0–33	19–324	17–187	0–29	0–116	0–162	26–78	9.6	8.5	8.3	6.8	8.4	6.8	270–4380	411–2845	0	0	0	0
Meadows	439–800	71–651	0	0	0–138	329–593	0	0	9.9	8.4	–	–	9.2	–	4818–13130	3202–5456	65	4	74	4
Rocks and scree	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	245	14	148	9
Snow and ice	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	25	1	23	1
Water	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	0	1	0
Cloud cover	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	74	4	326	19

* Wormwood steppes dominate in the southwest part of the study area but do not occur in the 2 example areas (Ex. A and Ex. B)

Abbreviations: HGg: green herb and grass phytomass; HGw: withered herb and grass phytomass; DSg: green dwarf shrub phytomass; DSw: withered dwarf shrub phytomass