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# Rocky Planets are the Coolest Things Ever

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## ABSTRACT

Planets rock. Even the gas and ice ones.

*Subject headings:* planets — rocks — planets: rocky — planets: gaseous — planets: icy

### 1. Introduction

Rocks are important because we can stand on them.

### 2. Motivation

I had a pet rock when I was a kid and I miss him terribly, so I am writing this in his honor.

### 3. Rock Colors

Purple rocks double rock.

### 4. Rock Sizes

Rocks of all sizes make me happy, *in particular the ones that are flat and skip on liquid phase  $H_2O$ .*

#### 4.1. Skipping Rocks

##### **Slates**

Watch out for sharp edges when you throw them.

##### **Shales**

Kind of flaky, but still can be fun.

#### 5. Acknowledgments

I'd like to thank the Academy.

#### REFERENCES

Rocky, R.R., Shaley, S.S., Slatey, S.S. 2004, AJ, 118, 1086

Fig. 1.— Here we show a gallery of my favorite rocks.

Table 1. Statistics of TINYMO Search (ok this is a real table).

Region	RA	DEC	Objects	< 25 pc	Red Dwarfs <sup>a</sup>	Very Red <sup>b</sup>	Giants' Tail <sup>c</sup>	Flyers <sup>d</sup>	Hit Rate <sup>e</sup>	Notes
1	00 to 02	–00 to –30	239003	762	25	25	25	0	0.011	
2	00 to 02	–30 to –90	351592	1581	61	61	61	0	0.017	SMC
3	02 to 04	–00 to –30	284480	872	16	16	16	0	0.006	
4	02 to 04	–30 to –90	377053	1304	26	26	26	0	0.007	
5	04 to 06	–00 to –30	557434	2960	36	36	36	0	0.006	
6	04 to 06	–30 to –90	577004	2342	48	48	48	3	0.008	LMC
7	06 to 08	–00 to –30	384604	2540	12	12	12	0	0.003	b>10
8	06 to 08	–30 to –60	687771	4358	30	30	30	11	0.004	b>10
9	06 to 08	–60 to –90	256859	1716	15	15	15	0	0.006	b>10
10	20 to 22	–00 to –30	832548	4682	46	46	46	0	0.006	b>10 d>20 INDEX(0)
11	20 to 22	–30 to –60	529261	2588	36	36	36	1	0.007	b>10 d>20 INDEX(0)
12	20 to 22	–60 to –90	200157	1278	27	27	27	1	0.013	b>10
13	22 to 24	–00 to –30	349911	1458	29	29	29	0	0.008	b>10
14	22 to 24	–30 to –90	436645	1885	42	42	42	0	0.010	b>10
TOTALS	12 hours	90 degrees	6064322	30326	449	449	449	16	???	

<sup>a</sup>potentially nearby objects that fall in three observing boxes

<sup>b</sup>notable objects that do not fall in three observing boxes

<sup>c</sup>Nearby/#Objects