

Unidentified "Large Flat Dioclea"

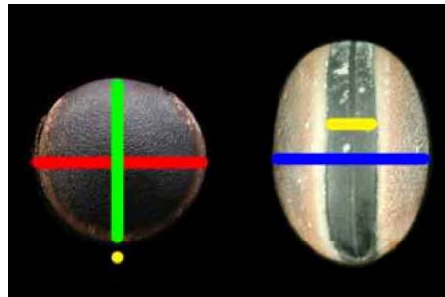
"Large Flat Dioclea" from Amazonian Peru				
Count	Width	Length	Height	L:W Ratio
1	35.6	31.0	14.1	1.15
2	36.2	31.8	13.2	1.14
3	36.4	31.4	12.6	1.16
4	37.7	33.7	11.5	1.12
5	37.9	31.7	12.9	1.20
6	38.1	32.4	12.5	1.18
7	38.2	31.9	12.3	1.20
8	38.2	32.4	13.1	1.18
9	38.6	32.2	12.8	1.20
10	38.8	32.5	12.7	1.19
11	38.8	33.1	11.5	1.17
12	39.3	33.1	12.0	1.19
13	39.8	34.4	12.7	1.16
14	39.8	34.5	12.7	1.15
15	40.0	33.8	12.8	1.18
17	40.1	34.1	13.1	1.18
16	40.1	34.3	13.8	1.17
18	40.7	34.0	13.8	1.20
19	41.8	31.0	13.8	1.35
Avg:	38.7	32.8	12.8	1.18
Note:	All sink in fresh and salt water			

"Large Flat Dioclea" from Cuenca, Ecuador				
Count	Width	Length	Height	L:W Ratio
1	32.2	30.1	9.8	1.07
2	32.5	30.2	10.0	1.08
3	34.1	26.8	9.9	1.27
4	36.1	31.7	10.0	1.14
5	38.6	30.3	10.4	1.27
6	39.4	32.1	10.0	1.23
Avg:	35.5	30.2	10.0	1.18
Note:	All sink in fresh and salt water			

"Large Flat Dioclea" from Oriente, Ecuador				
Count	Width	Length	Height	L:W Ratio
1	31.4	26.1	10.8	1.20
2	34.0	28.5	9.6	1.19
3	36.2	30.6	30.9	1.18
4	36.4	28.8	8.0	1.26
5	36.4	30.9	10.2	1.18
6	36.9	30.8	10.0	1.20
7	37.3	28.4	10.6	1.31
8	37.4	31.0	10.0	1.21
9	38.1	30.2	10.7	1.26
10	39.8	31.5	11.4	1.26
Avg:	36.4	29.7	12.2	1.23
Note:	All sink in fresh and salt water			

"Large Flat Dioclea" combined data: Peru & Ecuador						
Count	Width	Length	Height	L:W Ratio		
1	1	31.4	26.1	10.8	1.20	
2	1	32.2	30.1	9.8	1.07	
3	2	32.5	30.2	10.0	1.08	
4	2	34.0	28.5	9.6	1.19	
5	3	34.1	26.8	9.9	1.27	
6	1	35.6	31.0	14.1	1.15	
7	4	36.1	31.7	10.0	1.14	
8	3	36.2	30.6	30.9	1.18	
9	2	36.2	31.8	13.2	1.14	
10	4	36.4	28.8	8.0	1.26	
11	5	36.4	30.9	10.2	1.18	
12	3	36.4	31.4	12.6	1.16	
13	6	36.9	30.8	10.0	1.20	
14	7	37.3	28.4	10.6	1.31	
15	8	37.4	31.0	10.0	1.21	
16	4	37.7	33.7	11.5	1.12	
17	5	37.9	31.7	12.9	1.20	
18	9	38.1	30.2	10.7	1.26	
19	6	38.1	32.4	12.5	1.18	
20	7	38.2	31.9	12.3	1.20	
21	8	38.2	32.4	13.1	1.18	
22	5	38.6	30.3	10.4	1.27	
23	9	38.6	32.2	12.8	1.20	
24	10	38.8	32.5	12.7	1.19	
25	11	38.8	33.1	11.5	1.17	
26	12	39.3	33.1	12.0	1.19	
27	6	39.4	32.1	10.0	1.23	
28	10	39.8	31.5	11.4	1.26	
29	13	39.8	34.4	12.7	1.16	
30	14	39.8	34.5	12.7	1.15	
31	15	40.0	33.8	12.8	1.18	
32	17	40.1	34.1	13.1	1.18	
33	16	40.1	34.3	13.8	1.17	
34	18	40.7	34.0	13.8	1.20	
35	19	41.8	31.0	13.8	1.35	
Avg:	37.5	31.5	12.2	1.19		

Example Measurements, overlaid onto a *Mucuna*.



1. **width (red):** the distance from "left edge" to "right edge" when the seed is held flat with the "non-hilum area" (whatever that's called) away from you.
2. **length (green):** the distance from "top edge" (non-hilum) to "bottom edge" (center of hilum area) when the seed is held flat with the non-hilum area away from you.
3. **height/thickness (blue):** the distance thru the center of the seed, from one "flat side" to the other "flat side" (measures degree of inflation)
4. **hilum "thickness" (yellow):** the distance from one edge of the hilum to the other, taken at the "bottom edge" of the seed