

Table 1. Polar lipids from *A. rufipectus* after HILIC.

Compound	% ^a
APtdGro	3.3
BMP	9.1
PtdGro	13.8
U1	7.3
U2	2.4
Ptd ₂ Gro	29.0
PtdOH	6.8
PtdEtn	16.5
U3	2.7
U4	5.4
U5	3.7

^a Minor derivatives of phospholipids (up to 2.5% of total phospholipids) were omitted.

Table 2. Polar lipids from *A. bogrovensis* after HILIC.

Compound	% ^a
PlsGro	1.0
PtdGro	3.3
Alanyl-PtdGro	2.0
Ptd ₂ Gro	22.0
Alanyl-Ptd ₂ Gro	7.0
pPlsEtn	3.6
PPtdEtn	13.4
Glucosyl-Ptd ₂ Gro	1.2
U1	9.1
Lysyl-PtdGro	10.6
PtdOH	3.8
U2	3.7
U3	3.5
Lysyl-Ptd ₂ Gro	2.6
U4	4.0
Lysyl-glucosyl-Ptd ₂ Gro	2.7
U5	6.5

^a Minor derivatives of phospholipids (up to 1.0% of total phospholipids) were omitted.

Table 3. PlsGro identified in *A. bogrovensis*, the masses of protonated molecules ($[M-H]^+$), their ACN, and relative quantities of appropriate molecular species (%), including total %.

$[M-H]^+$	ACN	Mol spec	%	Mol spec	%	Total %
677	30	p15:0/15:0	10.0			10.0
691	31	p15:0/16:0	2.5	p17:0/14:0	2.5	5.0
705	32	p15:0/17:0	2.5	p17:0/15:0	55.0	57.5
719	33	p17:0/16:0	7.5			7.5
733	34	p17:0/17:0	15.0			15.0
747	35	p17:0/18:0	5.0			5.0

Table 4. PlsOH identified in *A. bogrovensis*, the masses of protonated molecules ($[M-H]^-$), their ACN, and relative quantities of appropriate molecular species (%), including total %.

$[M-H]^-$	ACN	Mol spec	%	Mol spec	%	Total %
589	29	p15:0/14:0	0.8			0.8
603	30	p15:0/15:0	19.5			19.5
617	31	p15:0/16:0	5.9	p17:0/14:0	0.5	6.4
631	32	p15:0/17:0	4.5	p17:0/15:0	26.7	31.2
645	33	p15:0/18:0	9.4	p17:0/16:0	7.6	17.0
659	34	p17:0/17:0	20.9			20.9
673	35	p17:0/18:0	4.2			4.2

Table 5. PlsEtn identified in *A. bogrovensis*, the masses of protonated molecules ($[M-H]^+$), their ACN, and relative quantities of appropriate molecular species (%), including total %.

$[M-H]^+$	ACN	Mol spec	%	Mol spec	%	Total %
632	29	p15:0/14:0	1.3			1.3
646	30	p15:0/15:0	15.9			15.9
660	31	p15:0/16:0	1.3	p17:0/14:0	3.9	5.2
674	32	p15:0/17:0	2.6	p17:0/15:0	56.7	59.3
688	33	p15:0/18:0	1.3	p17:0/16:0	3.9	5.2
702	34	p17:0/17:0	10.5			10.5
716	35	p17:0/18:0	2.6			2.6

Table 6. APtdGro identified in *A. bogrovensis*, the masses of protonated molecules ($[M-H]^+$), their ACN, and relative quantities of appropriate molecular species (%), including total %.

$[M-H]^+$	ACN	Mol spec	%	Mol spec	%	Mol spec	%	Mol spec	%	Mol spec	%
917	45	15-15/15	5.9								
931	46	15-15/16	2.3	15-16/15	0.7	16-15/15	4.7				
945	47	16-16/15	0.9	16-15/16	0.2	15-16/16	0.3	15-15/17	2.4	15-17/15	3.1
959	48	16-16/16	0.4	15-15/18	3.9	15-18/15	1.8	18-15/15	7.1	15-16/17	0.9
973	49	17-17/15	3.9	17-15/17	5.1	15-17/17	12.6	16-16/17	0.3	16-17/16	0.2
987	49	16-16/17	0.5	16-17/16	0.1	17-16/16	1.2	18-16/15	0.9	16-15/18	0.7
1001	50	16-16/18	0.3	16-18/16	0.2	18-16/16	0.7	17-18/15	1.7	18-15/17	1.2
1015	51	17-17/17	9.2	18-16/17	0.4	16-17/18	0.7	17-16/18	0.5	18-18/15	0.3
1029	52	16-18/18	1.2	18-18/16	0.3	18-16/18	0.2	17-17/18	0.4	17-18/17	0.5
1043	53	18-18/17	0.3	18-17/18	0.1	17-18/18	0.6				
1057	54	18-18/18	0.2								

Table 6. APtdGro continued.

[illegible]

Table 7. BMP identified in *A. bogrovensis*, the masses of protonated molecules ($[M-H]^+$), their ACN, and relative quantities of appropriate molecular species (%), including total %.

$[M-H]^+$	ACN	Mol spec	%	Mol spec	%	Mol spec	%	Total %
665	28	14/14	0.3					0.3
679	29	14/15	1.2					1.2
693	30	15/15	11.4					11.4
707	31	15/16	3.1	16/15	5.9			9.0
721	32	15/17	12.7	17/15	16.8	16/16	4.2	33.7
735	33	16/17	13.8	17/16	7.8			21.6
749	34	17/17	21.4					21.4
763	35	17/18	0.5	18/17	0.2			0.7
777	36	17/19	0.2	18/18	0.8			1.0

Table 8. PtdGro identified in *A. bogrovensis*, the masses of protonated molecules ($[M-H]^+$), their ACN, and relative quantities of appropriate molecular species (%), including total %.

$[M-H]^+$	ACN	Mol spec	%	Mol spec	%	Mol spec	%	Total %
693	30	15/15	12.1					12.1
707	31	15/16	1.9	16/15	3.8			5.7
721	32	15/17	17.5	17/15	12.6	16/16	5.4	35.5
735	33	16/17	9.2	17/16	11.8			21.0
749	34	17/17	24.4					24.4
763	35	17/18	0.8					0.8
777	36	17/19	0.5					0.5

Table 10. PtdOH identified in *A. bogrovensis*, the masses of protonated molecules ($[M-H]^+$), their ACN, and relative quantities of appropriate molecular species (%), including total %.

$[M-H]^+$	ACN	Mol spec	%	Mol spec	%	Mol spec	%	Total %
605	29	14/15	0.1					0.1
619	30	15/15	13.4					13.4
633	31	15/16	1.8	16/15	3.7			5.5
647	32	15/17	19.2	17/15	17.5	16/16	7.8	44.5
661	33	16/17	6.5	17/16	9.7			16.2
675	34	17/17	18.2					18.2
689	35	17/18	1.0					1.0
703	36	18/18	1.1					1.1

Table 11. PtdEtn identified in *A. bogrovensis*, the masses of protonated molecules ($[M-H]^+$), their ACN, and relative quantities of appropriate molecular species (%), including total %.

$[M-H]^+$	ACN	Mol spec	%	Mol spec	%	Mol spec	%	Total %
648	29	14/15	0.5					0.5
662	30	15/15	18.8					18.8
676	31	15/16	4.5	16/15	4.5			9.0
690	32	15/17	20.1	17/15	19.5	16/16	1.1	40.7
704	33	16/17	4.8	17/16	4.8			9.6
718	34	17/17	21.4					21.4

Table 12. PtdGro identified in *A. ruiensis*, the masses of protonated molecules ($[M-H]^+$), their ACN, and relative quantities of appropriate molecular species (%), including total %.

$[M-H]^+$	ACN	Mol spec	%	Mol spec	%	Mol spec	%	Total %
679	29	14/15	0.5					0.5
693	30	15/15	9.8					9.8
707	31	15/16	2.4	16/15	4.1			6.5
721	32	15/17	14.8	17/15	14.7	16/16	3.6	33.1
735	33	16/17	11.3	17/16	9.5			20.8
749	34	17/17	27.8					27.8
763	35	17/18	0.8	18/17	0.1			0.9
777	36	17/19	0.5	18/18	0.1			0.6

Table 13. Ala-PtdGro identified in *A. rupiensis*, the masses of protonated molecules ($[M-H]^+$), their ACN, and relative quantities of appropriate molecular species (%), including total %.

$[M-H]^+$	ACN	Mol spec	%	Mol spec	%	Mol spec	%	Total %
736	28	14/14	0.1					0.1
750	29	14/15	1.4					1.4
764	30	15/15	12.9					12.9
778	31	15/16	2.7	16/15	6.0			8.7
792	32	15/17	10.5	17/15	13.7	16/16	4.7	28.9
806	33	16/17	14.2	17/16	8.4			22.6
820	34	17/17	16.7					16.7
834	35	17/18	3.5	18/17	0.2			3.7
848	36	17/19	0.1	18/18	4.9			5.0

Table 14. Ptd₂Gro identified in *A. ruipeensis*, the masses of protonated molecules ([M-H]⁺), their ACN, and relative quantities of appropriate molecular species (%), including total %.

[illegible]

Table 15. PtdOH identified in *A. ruiensis*, the masses of protonated molecules ($[M-H]^+$), their ACN, and relative quantities of appropriate molecular species (%), including total %.

$[M-H]^+$	ACN	Mol spec	%	Mol spec	%	Mol spec	%	Total %
605	29	15/14	0.1					0.1
619	30	15/15	4.9					4.9
633	31	15/16	2.1	16/15	4.2			6.3
647	32	15/17	15.6	17/15	16.8	16/16	9.7	42.1
661	33	16/17	9.7	17/16	11.2			20.9
675	34	17/17	24.7					24.7
689	35	17/18	0.5	18/17	0.4			0.9
703	36	17/19	0.1					0.1

Table 17. PtdEtn identified in *A. ruiensis*, the masses of protonated molecules ($[M-H]^+$), their ACN, and relative quantities of appropriate molecular species (%), including total %.

$[M-H]^+$	ACN	Mol spec	%	Mol spec	%	Mol spec	%	Total %
634	28	14/14	0.7					0.7
648	29	14/15	0.9					0.9
662	30	15/15	19.7					19.7
676	31	15/16	3.7	16/15	3.7			7.4
690	32	15/17	19.2	17/15	17.0	16/16	2.6	38.8
704	33	16/17	4.4	17/16	5.2			9.6
718	34	17/17	20.1					20.1
732	35	17/18	1.8	18/17	0.7			2.5
746	36	18/18	0.3					0.3

