LIST OF PLATES

Plate-1: Photographs of lichen species used in this study.
Plate 2: Cross section images of lichen species.
Plate-3: Micro-crystals of lichen substances.
Plate-4: Micro-crystals of lichen substances-continued.
Plate-5: Antibacterial activity of lichen extracts against *B. subtilis* using agar-disc diffusion.
Plate-6: Antibacterial activity of lichen extracts against *E. coli* using agar-disc diffusion.
Plate-7: Antibacterial activity of lichen extracts against *P. aeruginosa* using agar-disc diffusion.
Plate-8: Antibacterial activity of lichen extracts against *P. vulgaris* using agar-disc diffusion method.
Plate-9: Antibacterial activity of lichen extracts against *S. aureus* using agar-disc diffusion.
Plate-10: Antibacterial activity of lichen extracts against *S. typhimurium* using agar-disc diffusion method.
Plate-11: Standard antibiotic activity (1) *B. subtilis* (2) *E. coli* (3) *P. aeruginosa*

(4) *P. vulgaris* (5) *S. aureus* (6) *S. thyphimurium*.
Plate-12: TLC bio-autography method for detection of potent components in lichen extract against different pathogens:
Plate-13: TLC bio-autography method for detection of potent components in lichen extract against different pathogens, Continued:
Plate-14: Microscopic images of different cell lines after treatment with 200μg/ml of *H. leucomelos* at three different times
Plate-15: KG1-a cells before and after 24hrs of treatment with 200μg/ml of extracts.
Plate-16: U937 cells before and after 24hrs of treatment with 200μg/ml of extracts.
Plate-17: NIC-H713 cells before and after 24hrs of treatment with 200μg/ml of extracts.
Plate-18: HEK-293T cells before and after 24hrs of treatment with 200μg/ml of extracts.